

VIDEO DOOR ENTRY SYSTEM OFFER



CATALOGUE



BTICINO Specialists in Video Door Entry Systems

BTicino, introduces a complete range of products and systems capable of meeting all application and building requirements. From single homes to larger buildings and apartment complexes, BTicino can offer the right solution to satisfy both the private user and the professional.

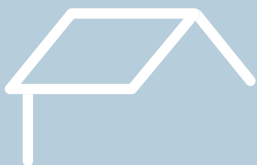
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DIFFERENT SOLUTIONS FOR DIFFERENT APPLICATIONS



From single-storey houses to
large multi-storey buildings ■ ■ ■



Villas



Small buildings



Building complex

■ ■ ■ Different types of construction
means different types of offers

BASIC KITS

for standard level homes



BASIC KITS



Closed solution that provides **BASIC FUNCTIONS**, normally for simple systems:

- ONE-FAMILY HOMES
- READY MADE SOLUTIONS
- BASIC FUNCTIONS
- PLUG-IN POWER CONNECTIONS

EXPANDABLE KITS

for high level homes



EXPANDABLE KITS



Initial basic solution that **CAN DEVELOP** into a **MORE COMPLEX** and **CUSTOMISED** system:

- ONE OR TWO-FAMILY HOMES
- READY MADE SOLUTIONS
- FULLY EXPANDABLE
- ENHANCED FUNCTIONS

2 WIRE SYSTEM

for small buildings



2 WIRE SYSTEM



The best technology when **TIME SAVING** and **EASE** of **INSTALLATION** are required:

- SMALL BUILDINGS/HOMES
- EASY AND QUICK TO INSTALL
- MAXIMUM VERSATILITY
- PERFECT FOR REFURBISHMENTS

D45 SYSTEM

for big constructions



D45 SYSTEM



System developed mainly to increase competitiveness in large projects, buildings and complexes.

- LARGER BUILDINGS AND COMPLEXES
- HIGH PERFORMANCE
- LONG DISTANCES AND LARGE NUMBER OF APARTMENTS
- INTEGRATED SECURITY FUNCTIONS





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Basic kits

All in
one easy
package

Kits are a simplification of the VDE offer. They represent the most competitive solution for creating **ONE-FAMILY** audio and video door entry systems. With one single reference code, the kit includes all the items required for the installation: entrance panel and internal units. All audio and video kits can be installed very easily: each internal unit has an easy **PLUG IN** power connector. Includes a door lock release key and **INTERCOM** function (expansion for up to a maximum of 3 internal units).



INTERCOM

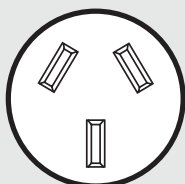
PLUG-IN POWER SUPPLY

ADDITIONAL INTERNAL UNITS (max. 2 additional audio or video internal units)

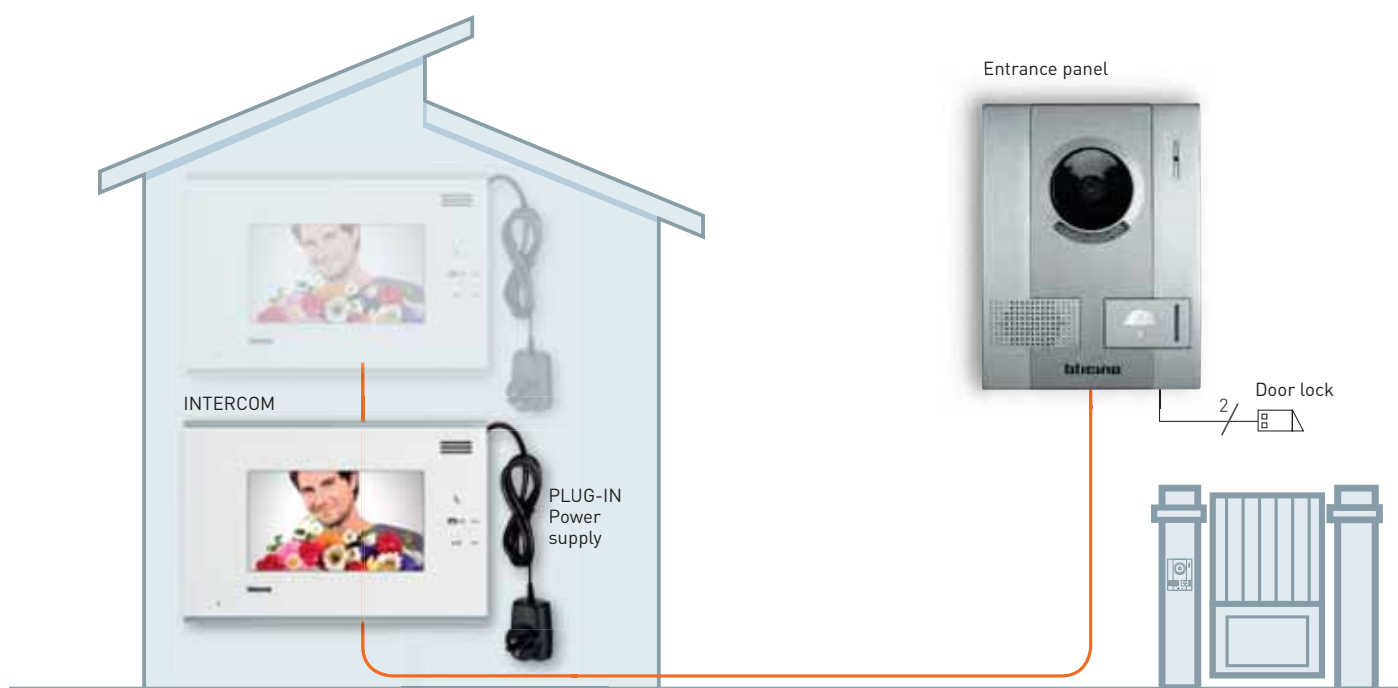
DIRECT CONNECTION BETWEEN ENTRANCE PANEL AND INTERNAL UNIT WITH ONE CABLE

SUITABLE FOR AUSTRALIA

Australian



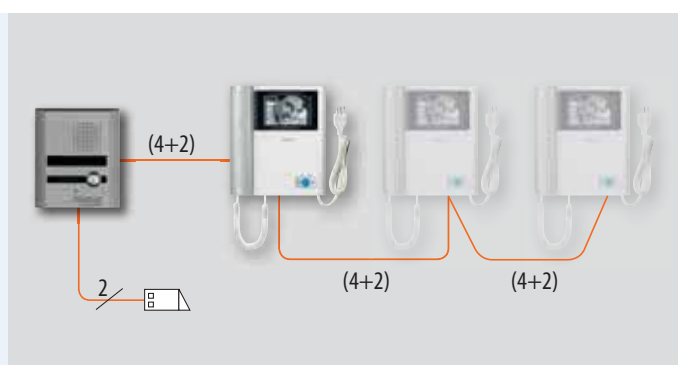
EXAMPLE OF ONE-FAMILY VIDEO SYSTEM



2 WIRE SOLUTION



4 WIRE SOLUTION



Basic ^{2 wire} kit range

7" COLOUR VIDEO KITS

ONE-FAMILY two wire colour video handsfree kit with wall mounted dedicated entrance panel (rainshield included). Metal entrance panel with colour camera and LED for the illumination of the field of view. Handsfree video with 7" colour display, and PLUG IN power supply included.

It can be expanded with up to 3 dedicated handsfree internal units. Available in white or black finish.

NEW



3.5" COLOUR VIDEO KITS

ONE-FAMILY two wire colour video handsfree kit with wall mounted dedicated entrance panel (rainshield included). Metal entrance panel with colour camera and LED for the illumination of the field of view. Handsfree video with 3.5" colour display and PLUG IN power supply included.

It can be expanded with up to 3 dedicated handsfree internal units.

NEW



	 	
PLUG-IN STANDARD TYPE	7" VIDEO KITS	3.5" VIDEO KITS
Australian standard 	316713 (7" colour kit - white) 332053 (additional video unit - white)	316613 (3.5" colour kit) 331953 (additional video unit)
	316714 (7" colour kit - black) 332054 (additional video unit - black)	

NOTE: for the control of electric door lock release we recommend the use of DIN transformer 336842 (230 Vac - VA).

Basic 4 wire kit range



COLOUR VIDEO KITS

7" Colour handsfree video kit

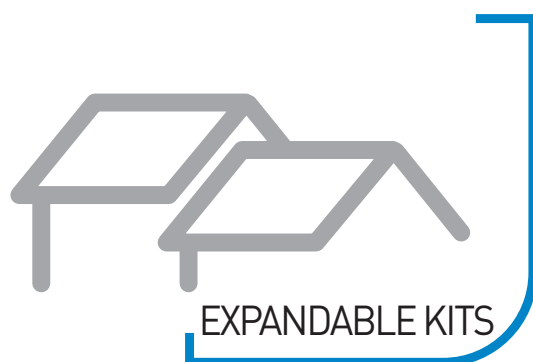
ONE-FAMILY analogue colour video handsfree kit with wall mounted dedicated entrance panel and video monitor. Metal entrance panel with colour camera and LED for the illumination of the field of view. Video IU with 7" colour monitor and PLUG IN system power supply included. It can be expanded with up to 3 dedicated internal units.



PLUG-IN STANDARD TYPE	COLOUR VIDEO KITS
Australian standard 	316513 (handsfree 7" kit) 331853 (additional video unit)

NOTE: for the control of electric door lock release we recommend the use of DIN transformer 336842 (230 Vac - VA).





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Expandable kits

The starting
basis system in
one package

To simplify the purchase process, BTicino has created expandable kits. With one single reference code it is possible to have a **BASIC SYSTEM** that can be customised and expanded with other system devices like: additional entrance panels and internal units, additional cameras to control, for example, car access, home automation devices for the management of home automation systems. The kit includes a manual with all the technical information required about installation, connection, features and expansion possibilities.



INTERCOM

DIN POWER SUPPLY

AUDIO/VIDEO CALL MEMORY

STAIRCASE LIGHT ACTIVATION

TWO WIRE TECHNOLOGY

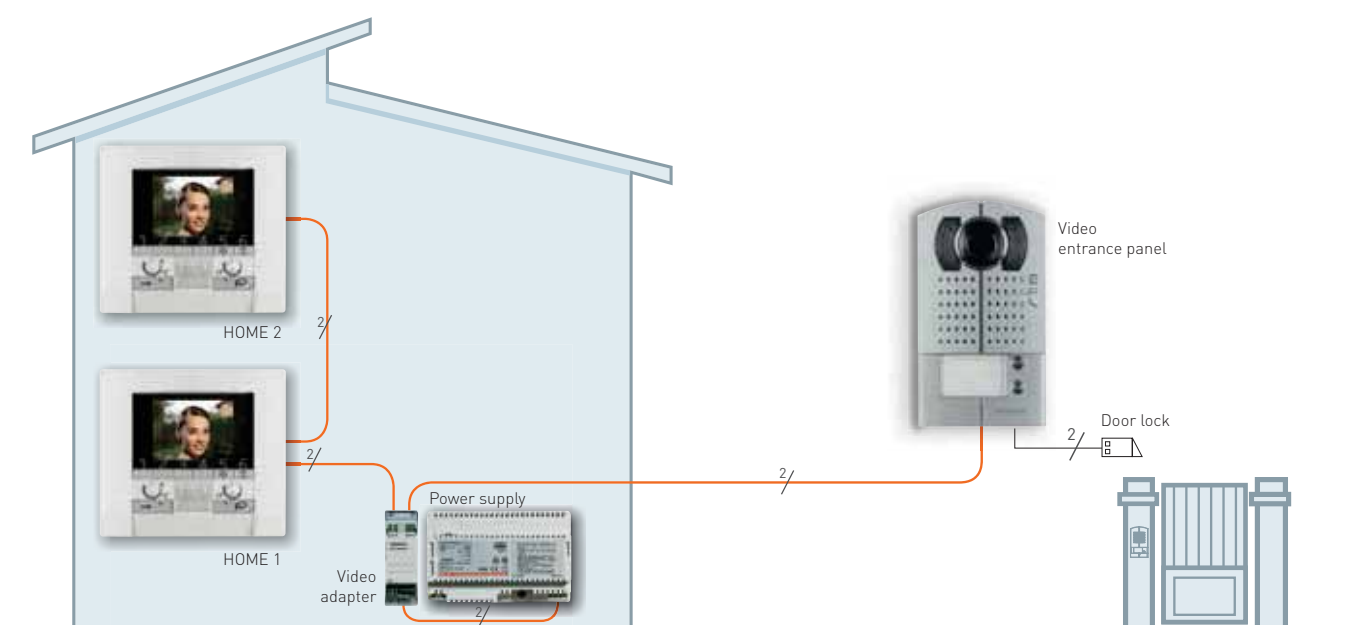
Suitable for expandable ONE and TWO-family home systems.

Maximum flexibility and customised composition.

NOTE: some analogue (4+n) audio kits are also available, see page 23.



EXAMPLE OF TWO-FAMILY VIDEO KIT



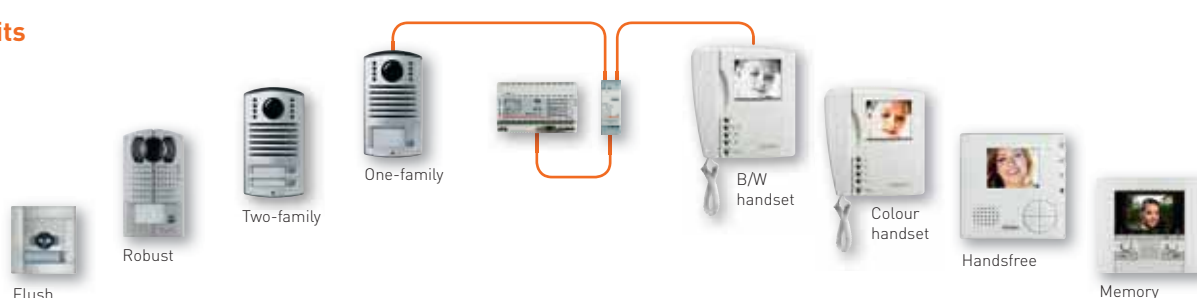
DIFFERENT COMBINATIONS TO SATISFY ALL NEEDS

FULL EXPANDABILITY

Audio kits



Video kits



EXPANDABLE KITS

2 WIRE EXPANDABLE KIT RANGE

Handsfree colour video kits with memory



Item	POLYX MEMORY DISPLAY HANDSFREE KIT WITH MEMORY - LINEA 2000 METAL WALL MOUNTED INSTALLATION
369411	One-family handsfree kit with call memory and colour video display consisting of POLYX MEMORY DISPLAY 3.5" video internal unit and LINEA 2000 METAL pushbutton panel. The video handset has an icon menu for the control of video door entry functions and MyHOME automation functions. 2 WIRE technology. Devices suitable for wall mounted installation. The pushbutton panel has an IK10 protection index against mechanical impact
369421	Two-family handsfree kit with call memory and colour video display consisting of POLYX MEMORY DISPLAY 3.5" video internal unit and LINEA 2000 METAL pushbutton panel. The video handsets have icon menus for the control of video door entry functions and MyHOME automation functions. 2 WIRE technology. Devices suitable for wall mounted installation. The pushbutton panel has an IK10 protection index against mechanical impact

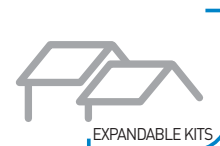
Item	POLYX MEMORY DISPLAY HANDSFREE KIT WITH MEMORY - LINEA 2000 METAL FLUSH MOUNTED INSTALLATION
369511	one-family handsfree kit with call memory and colour video display consisting of POLYX MEMORY DISPLAY 3.5" video internal unit and LINEA 2000 METAL pushbutton panel for flush mounted installation. The video handset has an icon menu for the control of video door entry functions and MyHOME automation functions. 2 WIRE technology. Devices suitable for wall mounted installation. Pushbutton panel suitable for flush mounted installation. The pushbutton panel has an IK10 protection index against mechanical impact
369521	two-family handsfree kit with call memory and colour video display consisting of POLYX MEMORY DISPLAY 3.5" video internal unit and LINEA 2000 METAL pushbutton panel for flush mounted installation. The video handset have icon menus for the control of video door entry functions and MyHOME automation functions. 2 WIRE technology. Devices suitable for wall mounted installation. Pushbutton panel suitable for flush mounted installation. The pushbutton panel has an IK10 protection index against mechanical impact

Handsfree colour video kits



Item	POLYX VIDEO HANDSFREE KIT - LINEA 2000 METAL WALL MOUNTED INSTALLATION
368911	One-family handsfree video (colour) kit with POLYX VIDEO 3.5" internal unit and LINEA 2000 pushbutton panel. 2 WIRE technology. Devices suitable for wall mounted installation. The pushbutton panel has an IK10 protection index against mechanical impact
368921	Two-family handsfree video (colour) kit with POLYX VIDEO 3.5" internal unit and LINEA 2000 METAL pushbutton panel. 2 WIRE technology. Devices suitable for wall mounted installation. The pushbutton panel has an IK10 protection index against mechanical impact

Item	POLYX VIDEO HANDSFREE KIT - LINEA 2000 METAL FLUSH MOUNTED INSTALLATION
368811	one-family handsfree video (colour) kit with POLYX VIDEO 3.5" internal unit and LINEA 2000 pushbutton panel for flush mounted installation. 2 WIRE technology. Internal unit suitable for wall mounted installation. Pushbutton panel suitable for flush mounted installation. The pushbutton panel has an IK10 protection index against mechanical impact
368821	two-family handsfree video (colour) kit with POLYX VIDEO 3.5" internal unit and LINEA 2000 pushbutton panel for flush mounted installation. 2 WIRE technology. Internal unit suitable for wall mounted installation. Pushbutton panel suitable for flush mounted installation. The pushbutton panel has an IK10 protection index against mechanical impact



Colour video kits

NEW



Item	POLYX MEMORY DISPLAY HANDSFREE - LINEA 2000 METAL WITH BADGE READER
369711	One-family expandable handsfree kit with call memory and colour video display consisting of POLYX MEMORY DISPLAY 3.5" video handset and LINEA 2000 METAL with badge reader pushbutton panel. 6 coloured badges plus 2 chips included. The video internal unit has an icon menu for the control of video door entry functions and MyHOME automation functions. 2 WIRE technology. Devices suitable for wall mounted installation. The pushbutton panel has an IK10 protection index against mechanical impact



Item	SWING VIDEO KIT - LINEA 2000 METAL
367511	One-family video (colour) kit with SWING 4" video handset and LINEA 2000 pushbutton panel. 2 WIRE technology. Devices suitable for wall mounted installation. The pushbutton panel has an IK10 protection index against mechanical impact
367521	Two-family video (colour) kit with SWING 4" video handsets and LINEA 2000 pushbutton panel. 2 WIRE technology. Devices suitable for wall mounted installation. The pushbutton panel has an IK10 protection index against mechanical impact



EXPANDABLE KITS

2 WIRE EXPANDABLE KIT RANGE

Audio kits



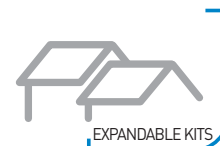
Item	POLYX AUDIO KIT - LINEA 2000 METAL
369211	One-family expandable audio kit with POLYX handsfree internal unit and LINEA 2000 METAL pushbutton panel. Both devices are suitable for wall mounted installation. Pushbutton panel protection index against mechanical impact : IK10
369221	Two-family expandable audio kit with POLYX handsfree internal units and LINEA 2000 METAL pushbutton panel. Both devices are suitable for wall mounted installation. Pushbutton panel protection index against mechanical impact : IK10



Item	SWING AUDIO KIT - LINEA 2000 METAL
368111	One-family kit with SWING handset and LINEA 2000 METAL pushbutton panel. 2 WIRE technology. Devices suitable for wall mounted installation. The pushbutton panel has an IK10 protection index against mechanical impact
368121	Two-family kit with SWING handsets and LINEA 2000 METAL pushbutton panel. 2 WIRE technology. The pushbutton panel has an IK10 protection index against mechanical impact

ANALOGUE EXPANDABLE KIT RANGE

Audio kits



Analogue kits (4+n) represent the most economic solution for the installation of one and two-family door entry systems.



Kit 363811, only available in the one-family version, is installed using the analogue technology, but the system wiring is based on the 2 wire solution.

Kits 363211 and 363221, are installed using the analogue technology, but the system wiring is based on the 4 wire + n call returns solution.



This kit is ideal for refurbishments, particularly when replacing simple door bell systems with a new door entry system, without the need for replacing the existing wiring. It is possible to connect up to 4 handsets, item 331550, in parallel with the handset of the Basic kit

Item	SPRINT - LINEA 2000 ONE-FAMILY AUDIO KIT
363811	One-family kit with SPRINT handset and LINEA 2000 pushbutton panel. Analogue technology with 2 wire connection. Devices suitable for wall mounted installation. Expansion possibility using the specific additional handset, item 331550

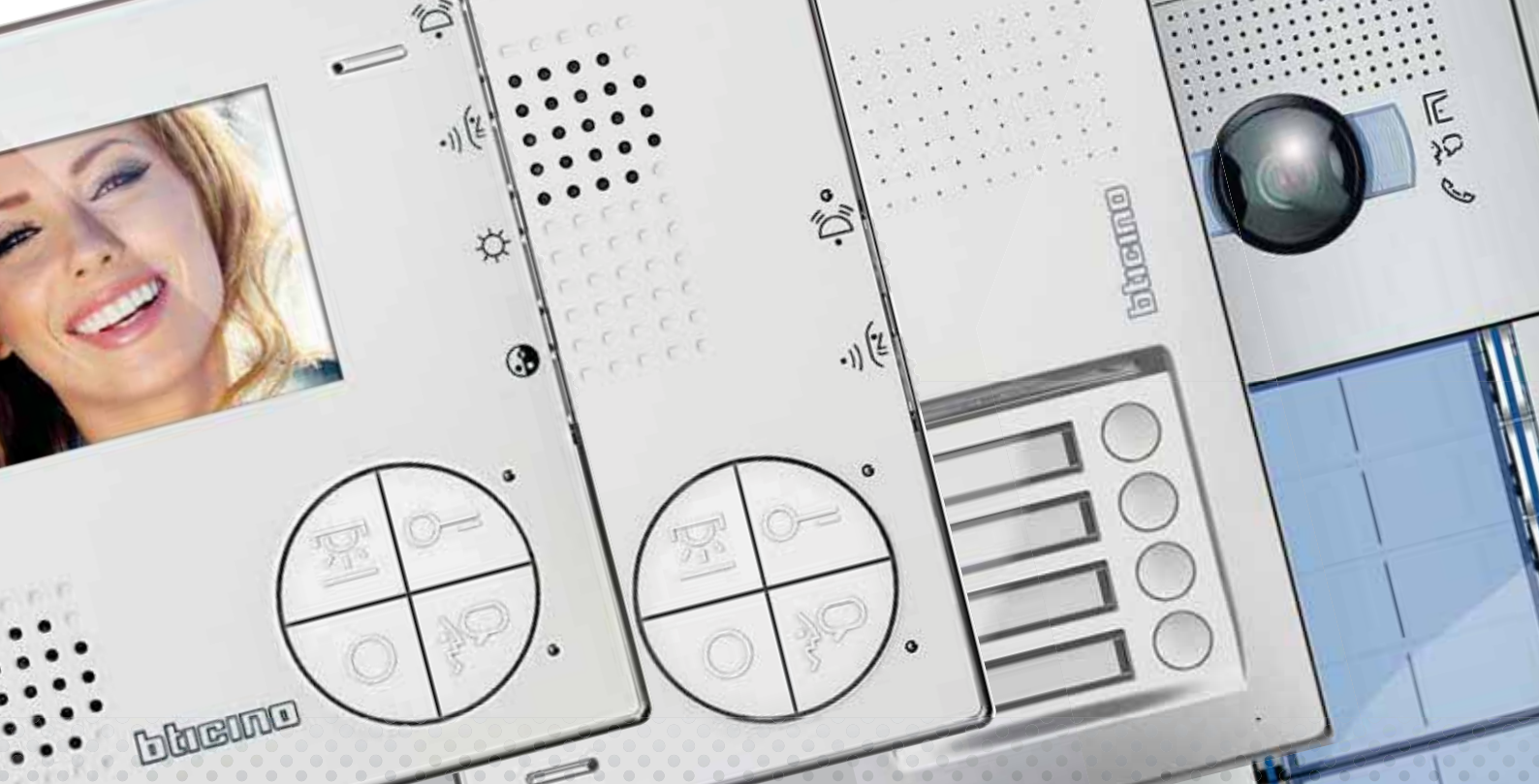
Composition	Item	Quantity
LINEA 2000 pushbutton panel	–	1
SPRINT audio handset	–	1
Transformer	336842	1

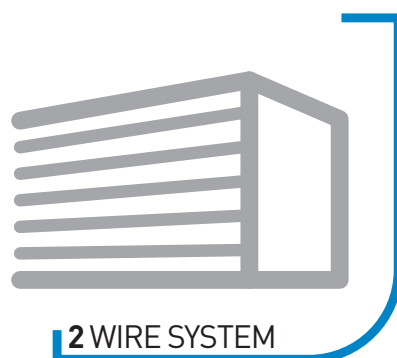
ACCESSORIES

331550	Specific additional handset



Item	SPRINT - LINEA 2000 AUDIO KIT
363211	Kit with SPRINT handsets and Linea 2000 pushbutton panel, aluminium colour. Devices suitable for wall mounted installation. One-family
363221	Kit with SPRINT handsets and Linea 2000 pushbutton panel, aluminium colour. Devices suitable for wall mounted installation. Two-family





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2 WIRE system

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2 wire system

The easiest system offer

The **2 WIRE SYSTEM** is the best technology for when **TIME SAVING** and **EASE of INSTALLATION** are crucial. Thanks to the non-polarised 2 wire system it is possible to install all kinds of systems, from single storey houses to apartment complexes.

This technology is particularly suitable, for example, for:

SMALL AND MEDIUM SIZE SYSTEMS



THE HOUSE



THE APARTMENT

RENOVATIONS

The possibility of using existing cables makes it the ideal solution when refurbishing systems.



Remove the old entrance panel being replaced.



Use the two cables already present to connect the new entrance panel.

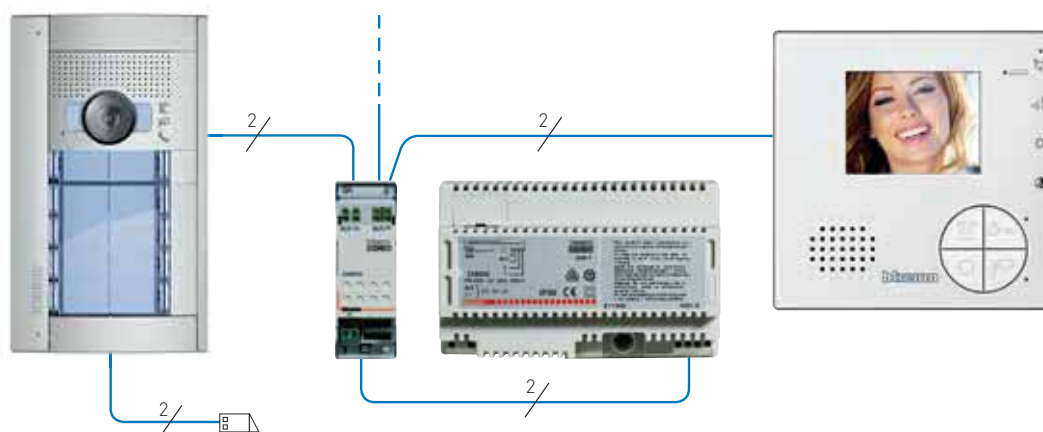


In addition to the extreme simplicity, the system offers

EXCELLENT PERFORMANCE

SYSTEM MAIN FEATURES

3900	Apartments
3900	Apartment video entrance panels
39	Risers with independent sound mode
5	Handsets per apartment
600 m	Distance between entrance panel and farthest internal unit



2 non-polarised wires for all the system



THE 2 WIRE SYSTEM

CAN BE INTEGRATED AND COMBINED WITH MyHOME AUTOMATION SYSTEM APPLICATIONS OR CAN BE AESTHETICALLY INTEGRATED WITH THE BTICINO RESIDENTIAL SERIES

ENTRANCE PANEL OVERVIEW

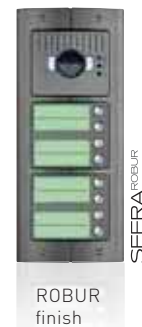
VERSATILITY

NEW SFERA entrance panels **NEW**

The solution for every installation need: from the single-storey house to the large residential complex.

■ **Two versions** (SFERA New and SFERA Robur) available in different colours

■ **Modular composition:** 13 electronic modules for unlimited combinations of functions (traditional, specialistic and door lock release functions)



ENTRY LEVEL SOLUTIONS

LINEA 100 audio **NEW**

Competitive entrance panels for price sensitive markets

■ Digital or pushbutton call (max 8 apartments)

■ Door lock release using the keypad

■ Wall or flush mounted installation



VILLA SOLUTIONS

LINEA 2000 METAL

Elegant and strong solution, ideal for a house

■ Audio and video solutions

■ One or two call pushbuttons

■ Wall or flush mounted installation



LINEA 2000

The basic solution for the smaller size, from one to four-family homes

■ Audio and B/W video solutions

■ One to four call pushbuttons

■ Wall mounted installation



STREIGHT

LINEA 300 monobloc solutions

Minimalist strong design

■ Aluminium and stainless steel versions

■ From 4 to 32 pushbuttons





INTERNAL UNIT OVERVIEW

AUDIO OFFER

- Handset and handsfree solutions
- Wall mounted installation



NEW

SPRINT L2



SWING



NEW

CLASSE 100 A12B



POLYX AUDIO

VIDEO OFFER

- Colour or black and white screen
- Handset and handsfree solutions
- Wall or flush mounted installation
- Basic or with additional functions

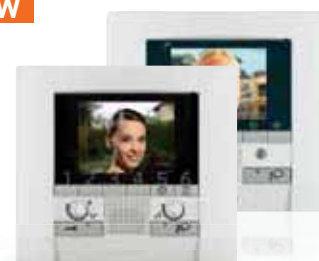


SWING
(colour or b/w)



CLASSE 100 V12B

NEW



POLYX
(basic or with memory functions)

- MyHOME home automation management using the screen menu



AXOLUTE
Video display

- Integrated with BTicino and Legrand residential series



AXOLUTE
NIGHTER and WHICE



MyHOME SCREEN 10

NEW

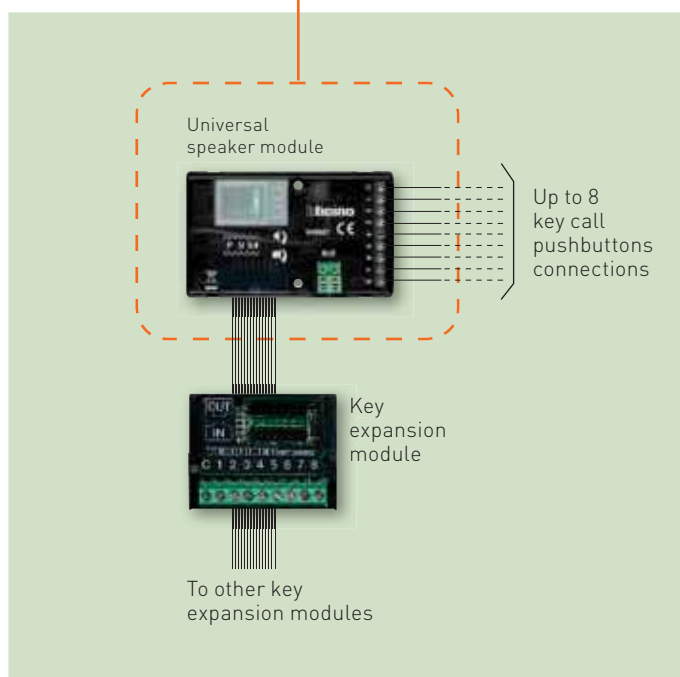
2 WIRE SYSTEM

SUITABLE FOR USE WITH CUSTOM MADE ENTRANCE PANELS

In addition to the entrance panels of the 2 WIRE range, it is also possible to install pushbutton panels for other brands:

- Custom made pushbutton panels
- Pattern design brass
- Compact sheet metal panel

using a specific accessory
(346991 - universal speaker module)

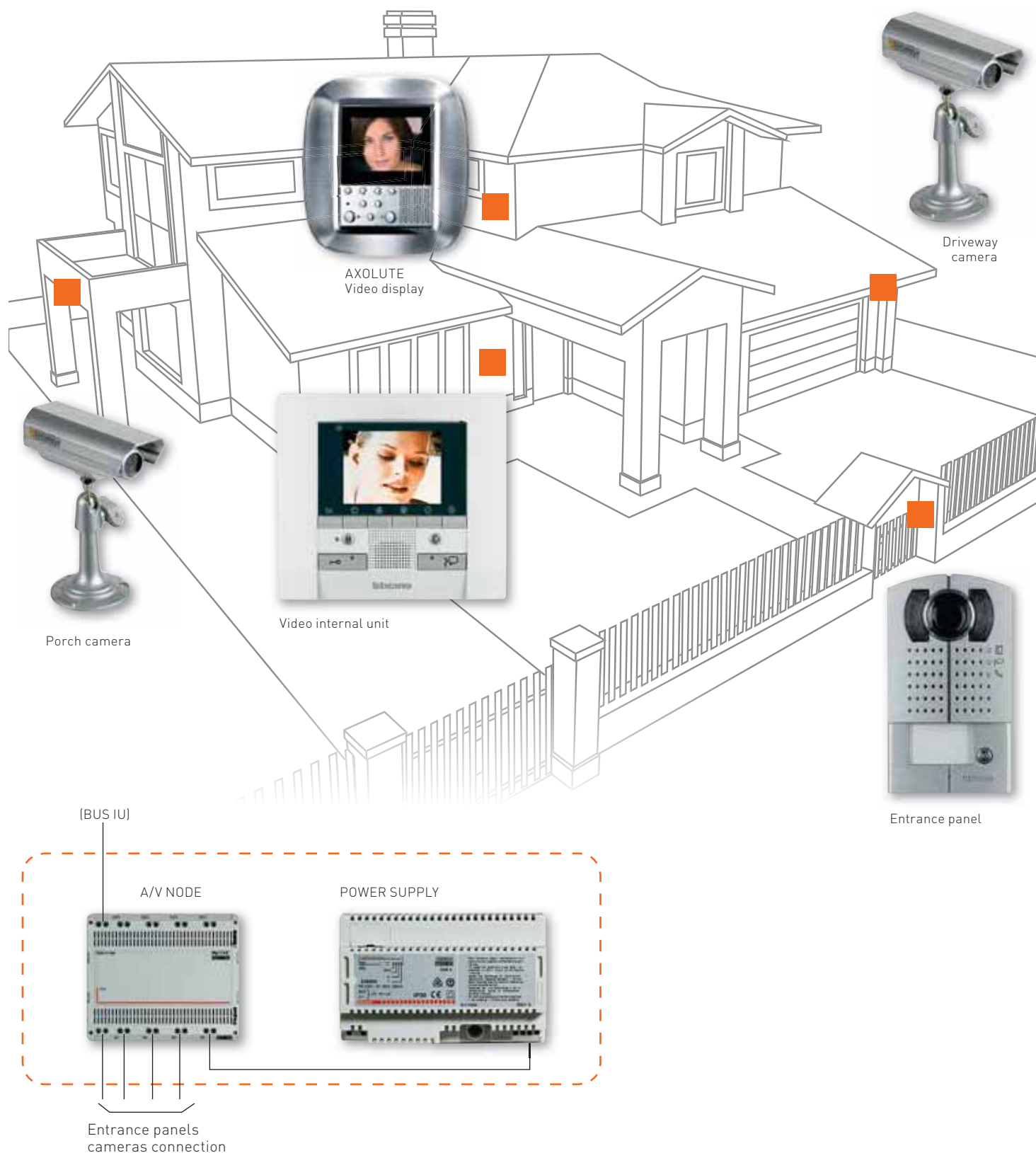


The universal speaker module (346991) can manage up to 8 call keys. For systems with more than 8 call keys it is possible to use the key expansion module, item 346992 (up to 6 expansion modules), to manage up to 56 call keys.

HIGHER SECURITY THANKS TO THE CCTV SYSTEM

Using the **2 WIRE** solution, it is possible to install small home CCTV systems, connecting several entrance panels and cameras to the system.

This is made possible by the use of the **audio/video node (F441)** instead of the video adapter (346830).



2 WIRE SYSTEM

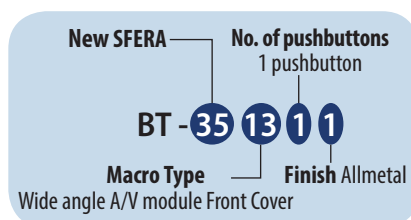
SWITCHING TO THE NEW SFERA



SWITCHING TO THE **NEW SFERA**

SFERA CLASSIC > **SFERA NEW**
SFERA ROBUR

UNDERSTANDING THE CODE



1 st and 2 nd digit	Description		Detailed description
3 rd and 4 th digit	MACRO TYPE (MECHANICS, ELECTRONIC MODULES, FRONT COVERS, ...)	35	New SFERA
		00	Flush-mounted box
		01	Flush-mounted box in steel with tearing protection
		02	SFERA New support
		03	SFERA Robur frame support
		04	SFERA Robur surround plate
		05	Rainshield
		06	Wall mounted box
		10	Basic audio speaker module+ Basic speaker module front cover
		11	Audio speaker module + audio speaker module front cover
		12	A/V module + A/V front covers
		13	A/V wide angle module + A/V wide angle front covers
		20	Module with 4 pushbuttons arranged on single column + front covers
		21	Module with 8 pushbuttons arranged on double column + front covers
		22	Nameplate module + front covers
		23	Blanking module
		24	N&D and wide angle camera module + front covers
		25	Display module + front covers
		27	Inductive loop and control speech synthesis module + front covers
		30	Keypad module + front covers
5 th digit	No. OF MODULES	0	-
		1	1 module
		2	2 modules
		3	3 modules
		4	4 modules (Wall mounted box)
		6	6 modules (Wall mounted box)
		8	8 modules (Wall mounted box)
		9	9 modules (Wall mounted box)
	No. OF PUSHBUTTONS	0	No. of pushbuttons
		1	No. of pushbuttons
		2	No. of pushbuttons
		3	No. of pushbuttons
		4	No. of pushbuttons
		6	No. of pushbuttons (on double column)
		8	No. of pushbuttons (on double column)
6 th digit	FINISHES	0	No finish (eg. boxes)
		1	Allmetal
		2	Allwhite
		3	Allstreet
		5	Robur

2 WIRE SYSTEM

SWITCHING TO THE NEW SFERA

The table shown on the side has been produced to help the installer during the initial stages when switching from SFERA CLASSIC to the new series.

It provides for the comparative product in the new series.



SFERA CLASSIC

The **SFERA New** and **SFERA Robur** pushbutton panels represent the evolution of the SFERA CLASSIC offer.



SFERA NEW



SFERA ROBUR

Total installation compatibility with the SFERA CLASSIC range.
Same box, same sizes, ideal in case of refurbishments.

SFERA Classic			
	Photo	Item	
MECHANICS		331110	
		331120	
		331130	
		331211	
		331221	
		331231	
ASSEMBLY ACCESSORIES (OPTIONAL)		331411	
		331421	
		331431	
		331441	
		331461	
		331491	
		331311	
		331321	
		331331	
		331341	
		331361	
		331391	
BASIC SPEAKER MODULE		342150	
SPEAKER MODULE		342170	
		342350	
AUDIO/VIDEO MODULE		342560	
DISPLAY MODULE		342630	
CAMERA MODULE		342510	
		342550	
PUSHBUTTON MODULE		342240	
		342480	
KEYPAD MODULE		342640	
		342600	
		342610	
		332650	
NAMEPATE MODULE		342200	
BLANKING MODULE		332911	
T25 VIGIK		332611	

SFERA New and Robur				
Description	Photo	Item	Description	
Flush-mounted box + frame 1 module		350010	Flush-mounted box - 1 module	
Flush-mounted box + frame 2 modules		350020	Flush-mounted box - 2 modules	
Flush-mounted box + frame 2 modules		350030	Flush-mounted box - 3 modules	
Surround plate - 1 module		350211	SFERA New 1 module support frame	●
Surround plate - 2 modules		350221	SFERA New 2 module support frame	●
Surround plate - 3 modules		350231	SFERA New 3 module support frame	●
Rainshield - 1 module		350511	Rainshield - 1 module	●
Rainshield - 2 modules		350521	Rainshield - 2 modules	●
Rainshield - 3 modules		350531	Rainshield - 3 modules	●
Rainshield - 4 modules		350541	Rainshield - 4 modules	●
Rainshield - 6 modules		350561	Rainshield - 6 modules	●
Rainshield - 9 modules		350591	Rainshield - 9 modules	●
Wall mounted box - 1 module		350611	Wall mounted box - 1 module	●
Wall mounted box - 2 modules		350621	Wall mounted box - 2 modules	●
Wall mounted box - 3 modules		350631	Wall mounted box - 3 modules	●
Wall mounted box - 4 modules		350641	Wall mounted box - 4 modules	●
Wall mounted box - 6 modules		350661	Wall mounted box - 6 modules	●
Wall mounted box - 9 modules		350691	Wall mounted box - 9 modules	●
Speaker module with 2 call pushbuttons for audio systems (max. 26 handsets)		351000	Basic speaker module with 4 call pushbuttons for audio systems	
Speaker module with 2 call pushbuttons for audio/video systems		351100	Speaker module with 4 call pushbuttons for audio/video systems	
Speaker module with 4 call pushbuttons for audio/video systems				
Audio/video module		351200	Audio/video module	
		351300	Audio/video module with wide angle camera	
Speaker module with graphic display		351100 + 352500	Speaker module + Display module	
Black and white camera module		352400	Night & Day and wide angle camera module	
Colour camera module				
Module with 4 call pushbuttons		352000	4-pushbutton modules arranged on single column	
Module with 8 call pushbuttons on double column		352100	8-pushbutton modules arranged on double column	
Additional keypad module for speaker module with graphic display		353000	Keypad module	
Alphanumeric call module		352500 + 353000	Display module + Keypad module	
Direct numerical call module		352500 + 353000	Display module + Keypad module	
Code lock module		353000	Keypad module	
Nameplate module		352200	Nameplate module	
Blanking module		352301	Blanking module	●
T25 Vigik		353401	T25 Vigik	●

ENTRANCE PANELS

New outdoor audio and video pushbutton panels featuring a modern design and improved aesthetic impact: perfect alignment of the modules, minimum protrusion from the wall, reinforced plastic components. Available in two versions: SFERA NEW and SFERA ROBUR.

SFERA^{NEW}



ALL METAL FINISH

SFERA^{ROBUR}



Extra strong front section and frame for increased safety, flush mounted box in steel to prevent the device being pulled off.

TWO SOLUTIONS, ONE SINGLE "ELECTRONIC HEART"

A WIDE RANGE OF AUDIO AND VIDEO FUNCTIONS

WITH ONLY 13 ELECTRONIC MODULES

FUNCTIONS TRADITIONAL

- BASIC AUDIO
- AUDIO
- AUDIO/VIDEO



Basic speaker module



Speaker module



Audio/video module

- 4 PUSHBUTTONS
- 8 PUSHBUTTONS
- NAMEPLATE
- DISPLAY



4-pushbutton module



8-pushbutton module



Nameplate module



Display module

FUNCTIONS

- Wide angle
AUDIO/VIDEO
- Wide angle
Night and Day CAMERA
- Inductive loop with
control speech
synthesis



A/V module with wide
angle camera



Night & Day and wide
angle camera module



Inductive loop and control
speech synthesis module

FUNCTIONS DOOR LOCK RELEASE

- Keypad
- Badge reader
- Fingerprint reader



Keypad module



Badge reader module



Fingerprint reader module

AVAILABLE
SOON

ENTRANCE PANELS

Installation

SFERA^{NEW} - WALL MOUNTED INSTALLATION



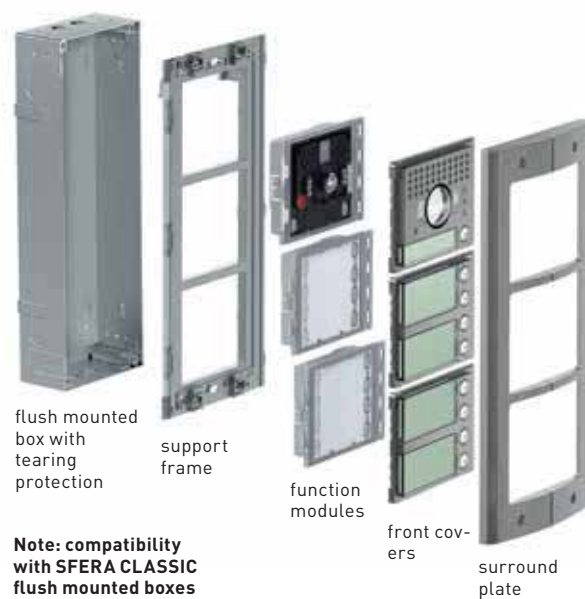
SFERA^{NEW} - FLUSH MOUNTED INSTALLATION



SFERA^{ROBUR} - WALL MOUNTED INSTALLATION



SFERA^{ROBUR} - FLUSH MOUNTED INSTALLATION



SFERA New - mechanics and function modules

FLUSH MOUNTED BOX



350010
1 module



350020
2 modules



350030
3 modules

RAINSHIELD (optional)



350511
1 module



350541
4 modules



350521
2 modules



350561
6 modules



350531
3 modules



350591
9 modules

WALL MOUNTED BOX (optional)



350611
1 module



350641
4 modules



350621
2 modules



350661
6 modules



350631
3 modules



350691
9 modules

FRAME + SUPPORT SURROUND PLATE



350211
1 module



350221
2 modules



350231
3 modules

ELECTRONIC MODULES



351000
basic speaker module



351100
speaker module



351200
audio/video



351300
audio/video with
wide angle camera



352000
4 pushbuttons
on single row



352100
8 pushbuttons
on double row



352200
nameplate



352400
wide angle N/D
camera



352500
display



352700
Inductive loop and
control speech synthesis



353000
keypad



353200
badge reader



353300
Fingerprint

AVAILABLE
SOON

ENTRANCE PANEL CATALOGUE

SFERA New - front cover



AUDIO FRONT COVERS - PUSHBUTTON CALL



351001
basic speaker module



351000



351011
basic speaker module
1 pushbutton



351000



351021
basic speaker module
2 pushbuttons



351000



351041
basic speaker module
2 pushbuttons on 2 rows



351000



351081
basic speaker module
4 pushbuttons on 2 rows



351000



351101
speaker module



351100



351111
speaker module
1 pushbutton



351100



351121
speaker module
2 pushbuttons



351100



351141
speaker module
2 pushbuttons on 2 rows



351100



351181
speaker module
4 pushbuttons on 2 rows



351100



352031
3 pushbuttons



352000



352041
4 pushbuttons



352000



352161
6 pushbuttons
on 2 rows



352100



352181
8 pushbuttons
on 2 rows



352100



VIDEO FRONT COVERS - NAMEPLATE - BLANKING MODULE



351201
A/V



351211
A/V 1 pushbutton



351221
A/V 2 pushbuttons
on 2 rows



351301
A/V wide angle



351311
A/V wide angle
1 pushbutton



351321
A/V wide angle
2 pushbuttons on 2 rows



351200



351200



351200



351300



351300



351300



352401
wide angle N/D camera



352201
nameplate



352301
blanking module

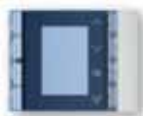


352400



352200

DISPLAY FRONT COVERS - INDUCTIVE LOOP AND ACCESS CONTROL



352501
display



352701
Inductive loop -
speech synthesis



353201
badge reader



353001
keypad



353301
Fingerprint



353401
T25 VIGIK



352500



352700



353200



353000



353300

ENTRANCE PANEL CATALOGUE

SFERA Robur - Mechanics and function modules

FLUSH MOUNTED BOX

Note:
- compatibility with SFERA CLASSIC flush mounted boxes
- compatibility with SFERA NEW flush mounted boxes



350110
1 module



350120
2 modules



350130
3 modules

WALL MOUNTED BOX (optional)



350611
1 module



350641
4 modules



350621
2 modules



350661
6 modules



350631
3 modules



350691
9 modules

SUPPORT FRAME



350315
1 module



350325
2 modules



350335
3 modules

SURROUND PLATE



350415
1 module



350425
2 modules



350435
3 modules

ELECTRONIC MODULES



351000
basic speaker module



351100
speaker module



351200
audio/video



351300
audio/video with wide angle camera



352000
4 pushbuttons on single row



352100
8 pushbuttons on double row



352200
nameplate



352400
wide angle N/D camera



352500
display



352700
Inductive loop and control speech synthesis



353000
keypad



353200
badge reader



353300
Fingerprint

AVAILABLE
SOON

SFERA Robur - Mechanics and function modules

AUDIO FRONT COVERS - PUSHBUTTON CALL

					
351005 basic speaker module	351015 basic speaker module 1 pushbutton	351025 basic speaker module 2 pushbuttons	351045 basic speaker module 2 pushbuttons on 2 rows	351085 basic speaker module 4 pushbuttons on 2 rows	
					
351000	351000	351000	351000	351000	
					
351105 speaker module	351115 speaker module 1 pushbutton	351125 speaker module 2 pushbuttons	351145 speaker module 2 pushbuttons on 2 rows	351185 speaker module 4 pushbuttons on 2 rows	
					
351100	351100	351100	351100	351100	
					
352035 3 pushbuttons	352045 4 pushbuttons	352165 6 pushbuttons on 2 rows	352185 8 pushbuttons on 2 rows		
					
352000	352000	352100	352100		

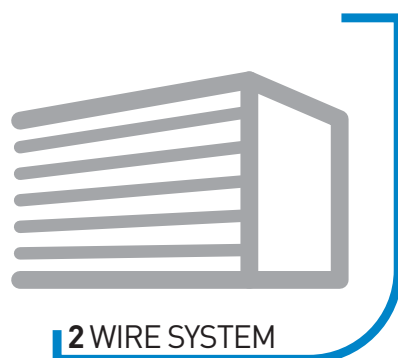
VIDEO FRONT COVERS - NAMEPLATE - BLANKING MODULE

					
351205 A/V	351215 A/V 1 pushbutton	351225 A/V 2 pushbuttons on 2 rows	351305 A/V wide angle	351315 A/V wide angle 1 pushbutton	351325 A/V wide angle 2 pushbuttons on 2 rows
					
351200	351200	351200	351300	351300	351300
					
352405 wide angle N/D camera		352205 nameplate	352305 blanking module		
			—		
352400		352200			

DISPLAY FRONT COVERS - INDUCTIVE LOOP - ACCESS CONTROL

					
352505 display	352705 Inductive loop - control speech synthesis	353205 badge reader	353005 keypad	353305 Fingerprint	353405 T25 VIGIK
					—
352500	352700	353200	353000	353300	





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SFERA NEW	SFERA New audio EP with speaker module, item 351100	42
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2 WIRE SYSTEM

2 WIRE ENTRANCE PANELS - AUDIO SFERA NEW

Examples of compositions with speaker module, item 351100

		FLUSH MOUNTED BOXES			FRAME + SURROUND PLATE			ELECTRONIC MODULES		
										
PUSHBUTTONS ON SINGLE ROW	No. of calls	350010	350020	350030	350211	350221	350231	351100	352000	
	1	1			1			1		
	2	1			1			1		
	3		1			1		1	1	
	4		1			1		1	1	
	5		1			1		1	1	
	6		1			1		1	1	
	7			1			1	1	2	
	8			1			1	1	2	
	9			1			1	1	2	
	10			1			1	1	2	
PUSHBUTTONS ON DOUBLE ROW	11		1			1		1		
	12		1			1		1		
	13			1			1	1		
	14			1			1	1		
	15			1			1	1		
	16			1			1	1		
	17			1			1	1		
	18			1			1	1		
	19			1			1	1		
	20			1			1	1		

(*) - the speaker module is also available in the basic version (351000), with appropriate front covers.

NOTE: the double pushbutton row solution makes it possible to install systems with up to 20 call pushbuttons using only one flush mounted box.

Digital call audio composition with display module 352500 and keypad 353000

		FLUSH MOUNTED BOXES		FRAME + SURROUND PLATE		ELECTRONIC MODULES		
								
		350020	350030	350221	350231	351100	352500	353000
without keypad		1		1		1	1	
with keypad			1		1	1	1	1

NOTE: the display module item 352500 provides storage for up to 4000 residents names.

AUDIO + PUSHBUTTON CALL FRONT COVERS

AUDIO + PUSHBUTTON CALL FRONT COVERS										
8 pushbuttons										
352100	351101	351111	351121	352031	352041	351141	351181	352161	352181	
		1								
			1							
	1				1					
	1					1				
		1				1				
			1			1				
	1				1	1				
	1					2				
		1				2				
			1			2				
				1		2				
1							1			1
1							1			1
2	1							1		1
2	1							1		1
2	1									2
2	1									2
2							1			2
2							1			2
2								1		2
2								1		2

FRONT COVERS

FRONT COVERS			
			
351101	352501	353001	
1	1		
1	1	1	

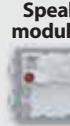
**WARNING**

- Add to the system composition any configurators needed.
- As an alternative to using the flush mounted boxes indicated, installation is also possible using wall mounted boxes with rainshield, available in different modularities (see catalogue).
- 1 to 9 module rainshields are available on request (see catalogue).
- The shown compositions are examples. IT is however possible to install compositions with pushbuttons on single or double rows depending on needs.

2 WIRE SYSTEM

2 WIRE ENTRANCE PANELS - AUDIO SFERA ROBUR

Examples of compositions with speaker module, item 351100

		FLUSH MOUNTED BOXES WITH TEARING PROTECTION			SUPPORT FRAME			ELECTRONIC MODULES				
												
PUSHBUTTONS ON SINGLE ROW	No. of calls	350110	350120	350130	350315	350325	350335	351100	352000	352100	351105	
	1	1			1			1				
	2	1			1			1				
	3		1			1		1	1		1	
	4		1			1		1	1		1	
	5		1			1		1	1			
	6		1			1		1	1			
	7			1			1	1	2		1	
	8			1			1	1	2		1	
	9			1			1	1	2			
	10			1			1	1	2			
PUSHBUTTONS ON DOUBLE ROW	11		1			1		1		1		
	12		1			1		1		1		
	13			1			1	1		2	1	
	14			1			1	1		2	1	
	15			1			1	1		2	1	
	16			1			1	1		2	1	
	17			1			1	1		2		
	18			1			1	1		2		
	19			1			1	1		2		
	20			1			1	1		2		

(*) - the speaker module is also available in the basic version (351000), with appropriate front covers.

NOTE: the double pushbutton row solution makes it possible to install systems with up to 20 call pushbuttons using only one flush mounted box.

Digital call audio composition with display module 352500 and keypad 353000

		FLUSH MOUNTED BOX WITH TEARING PROTECTION		FRAME		ELECTRONIC MODULES			
									
		350120	350130	350325	350335	351100	352500	353000	
without keypad		1		1		1	1		
with keypad			1		1	1	1	1	

NOTE: the display module item 352500 provides storage for up to 4000 residents names.

AUDIO + PUSHBUTTON CALL FRONT COVERS

SURROUND PLATE

											
	351115	351125	352035	352045	351145	351185	352165	352185	350415	350425	350435
	1								1		
		1							1		
			1							1	
				1						1	
	1			1						1	
		1		1						1	
			1	1							1
				2							1
	1			2							1
		1		2							1
						1		1		1	
						1		1		1	
							1	1			1
							1	1			1
								2			1
								2			1
					1			2			1
					1			2			1
						1		2			1
						1		2			1

FRONT COVERS

SURROUND PLATE

					
	351105	352505	353005	350425	350435
	1	1		1	
	1	1	1		1

 WARNING

- Add to the system composition any configurators needed.
- In alternative to flush mounted steel boxes with tearing protection, it is also possible to use plastic flush mounted boxes, items 350010, 350020, and 350030.
- SFERA ROBUR can be wall mounted using the specific boxes with built-in rainshield, available in several modularities (see catalogue).
- 1 to 9 module rainshields are available on request (see catalogue).
- The shown compositions are examples. It is however possible to install compositions with pushbuttons on single or double rows depending on needs.

2 WIRE SYSTEM

2 WIRE ENTRANCE PANELS - VIDEO SFERA NEW

Examples of composition with wide angle audio/video module, item 351300

		FLUSH MOUNTED BOXES			FRAME + SURROUND PLATE				
									
PUSHBUTTONS ON SINGLE ROW	No. of calls	350010	350020	350030	350211	350221	350231	351300	
	1	1			1			1	
	2 (**)	1			1			1	
	3		1			1		1	
	4		1			1		1	
	5		1			1		1	
	6			1			1	1	
	7			1			1	1	
	8			1			1	1	
	9			1			1	1	
PUSHBUTTONS ON DOUBLE ROW	10		1			1		1	
	11			1			1	1	
	12			1			1	1	
	13			1			1	1	
	14			1			1	1	
	15			1			1	1	
	16			1			1	1	
	17			1			1	1	
	18			1			1	1	

(*) - the A/V module is also available in the standard camera version (351200), with appropriate front covers.

(**) - for 2 calls only use the composition with one module with 2 pushbuttons on double row.

NOTE: the double pushbutton row solution makes it possible to install systems with up to 18 call pushbuttons using only one flush mounted box.

Digital call audio/video composition with display module 352500 and keypad 353000

		FLUSH MOUNTED BOX		FRAME + SURROUND PLATE		ELECTRONIC MODULES			
						A/V 	Display 	Keypad 	
		350020	350030	350221	350231	351300	352500	353000	
without keypad		1		1		1	1		
with keypad			1		1	1	1	1	

NOTE: the display module item 352500 provides storage for up to 4000 residents names.



ELECTRONIC MODULES

A/V + PUSHBUTTON CALL FRONT COVERS

4 pushbuttons		8 pushbuttons							
									
352000	352100	351301	351311	352031	352041	351321	352161	352181	
			1						
						1			
1		1		1					
1		1			1				
1			1		1				
2		1		2					
2		1		1	1				
2		1			2				
2			1		2				
	1					1		1	
	2	1					2		
	2	1					2		
	2	1					1	1	
	2	1					1	1	
	2	1						2	
	2	1						2	
	2					1		2	
	2					1		2	

FRONT COVERS

		
351301	352501	353001
1	1	
1	1	1

**WARNING**

- Add to the system composition any configurators needed
- As an alternative to using the flush mounted boxes indicated, installation is also possible using wall mounted boxes with rainshield, available in different modularities (see catalogue).
- 1 to 9 module rainshields are available on request (see catalogue).
- The shown compositions are examples. It is however possible to install compositions with pushbuttons on single or double rows depending on needs.

2 WIRE SYSTEM

2 WIRE ENTRANCE PANELS - VIDEO SFERA ROBUR

Examples of composition with wide angle audio/video module, item 351300

		FLUSH MOUNTED BOXES WITH TEARING PROTECTION			SUPPORT FRAME			ELECTRONIC MODULES			
											
PUSHBUTTONS ON SINGLE ROW	No. of calls	350110	350120	350130	350315	350325	350335	351300	352000	352100	
	1	1			1			1			
	2 (**)	1			1			1			
	3		1			1		1	1		
	4		1			1		1	1		
	5		1			1		1	1		
	6			1			1	1	2		
	7			1			1	1	2		
	8			1			1	1	2		
	9			1			1	1	2		
PUSHBUTTONS ON DOUBLE ROW	10		1			1		1		1	
	11			1			1	1		2	
	12			1			1	1		2	
	13			1			1	1		2	
	14			1			1	1		2	
	15			1			1	1		2	
	16			1			1	1		2	
	17			1			1	1		2	
	18			1			1	1		2	

(*) - the A/V module is also available in the standard camera version (351200), with appropriate front covers.

(**) - for 2 calls only use the composition with one module with 2 pushbuttons on double row.

NOTE: the double pushbutton row solution makes it possible to install systems with up to 18 call pushbuttons using only one flush mounted box.

Digital call audio/video composition with display module 352500 and keypad 353000

		FLUSH MOUNTED BOX WITH TEARING PROTECTION		SUPPORT FRAME		ELECTRONIC MODULES			
									
		350120	350130	350325	350335	351300	352500	353000	
without keypad		1		1		1	1		
with keypad			1		1	1	1	1	

NOTE: the display module item 352500 provides storage for up to 4000 residents names.

A/V + PUSHBUTTON CALL FRONT COVERS							SURROUND PLATE		
									
351305	351315	352035	352045	351325	352165	352185	350415	350425	350435
	1						1		
				1			1		
1		1						1	
1			1					1	
	1		1					1	
1		2							1
1		1	1						1
1			2						1
	1		2						1
				1		1		1	
1					2				1
1					2				1
1					1	1			1
1					1	1			1
1						2			1
1						2			1
				1		2			1
				1		2			1

FRONT COVERS			SURROUND PLATE	
				
351305	352505	353005	350425	350435
1	1		1	
1	1	1		1

WARNING

- Add to the system composition any configurators needed
- In alternative to flush mounted steel boxes with tearing protection, it is also possible to use plastic flush mounted boxes, items 350010, 350020, and 350030.
- SFERA ROBUR can be wall mounted using the specific boxes with built-in rainshield, available in several modularities (see catalogue).
- 1 to 9 module rainshields are available on request (see catalogue).
- The shown compositions are examples. It is however possible to install compositions with pushbuttons on single or double rows depending on needs.

2 WIRE SYSTEM

2 WIRE ENTRANCE PANELS - VIDEO SFERA NEW VIDEO

Examples of composition with wide angle Night and Day camera module, item 352400

		FLUSH MOUNTED BOXES		FRAME + SURROUND PLATE		ELECTRONIC MODULES				
										
PUSHBUTTONS ON SINGLE ROW	No. of calls	350020	350030	350221	350231	352400	351100	352000	352100	
	1	1		1		1	1			
	2	1		1		1	1			
	3		1		1	1	1	1		
	4		1		1	1	1	1		
	5		1		1	1	1	1		
	6		1		1	1	1	1		
PUSHBUTTONS ON DOUBLE ROW	7		1		1	1	1		1	
	8		1		1	1	1		1	
	9		1		1	1	1		1	
	10		1		1	1	1		1	
	11		1		1	1	1		1	
	12		1		1	1	1		1	
	13	2		2		1	1		2	
	14	2		2		1	1		2	
	15	2		2		1	1		2	
	16	2		2		1	1		2	
	17	2		2		1	1		2	
	18	2		2		1	1		2	
	19	2		2		1	1		2	
	20	2		2		1	1		2	

For the connection of modules installed side by side, cable item 354000 (L=620 mm) must be used

Digital call video composition with display module 352500 and keypad 353000

		FLUSH MOUNTED BOXES		FRAME + SURROUND PLATE		ELECTRONIC MODULES				
										
		350030	350010	350231	350211	352400	351100	352500	353000	
without keypad		1		1		1	1	1		
with keypad		1	1	1	1	1	1	1	1	

NOTE: the display module item 352500 provides storage for up to 4000 residents names.



CAMERA + AUDIO PUSHBUTTON FRONT COVERS

	352401	351101	351111	351121	352031	352041	351141	351181	352161	352181
	1		1							
	1			1						
	1	1			1					
	1	1				1				
	1			1	1					
	1			1		1				
	1	1								1
	1	1								1
	1						1			1
	1						1			1
	1							1		1
	1	1						1		1
	1	1							1	1
	1	1								2
	1	1								2
	1						1			2
	1						1			2
	1							1		2
	1							1		2

FRONT COVERS

	352401	351101	352501	353001
	1	1	1	
	1	1	1	1



WARNING

- Add to the system composition any configurators needed (software configuration using TiSferaDesign recommended).
- As an alternative to using the flush mounted boxes indicated, installation is also possible using wall mounted boxes with rainshield, available in different modularities (see catalogue).
- 1 to 9 module rainshields are available on request (see catalogue).
- The shown compositions are examples. It is however possible to install compositions with pushbuttons on single or double rows depending on needs.

2 WIRE SYSTEM

2 WIRE ENTRANCE PANEL - VIDEO SFERA ROBUR

Examples of composition with wide angle Night and Day camera module, item 352400

		FLUSH MOUNTED BOXES WITH TEARING PROTECTION		SUPPORT FRAME		ELECTRONIC MODULES						
												
PUSHBUTTONS ON SINGLE ROW	No. of calls	350120	350130	350325	350335	352400	351100	352000	352100	352405	351105	
	1	1		1		1	1			1		
	2	1		1		1	1			1		
	3		1		1	1	1	1		1	1	
	4		1		1	1	1	1		1	1	
	5		1		1	1	1	1		1		
	6		1		1	1	1	1		1		
PUSHBUTTONS ON DOUBLE ROW	7		1		1	1	1		1	1	1	
	8		1		1	1	1		1	1	1	
	9		1		1	1	1		1	1		
	10		1		1	1	1		1	1		
	11		1		1	1	1		1	1		
	12		1		1	1	1		1	1		
	13	2		2		1	1		2	1	1	
	14	2		2		1	1		2	1	1	
	15	2		2		1	1		2	1	1	
	16	2		2		1	1		2	1	1	
	17	2		2		1	1		2	1		
	18	2		2		1	1		2	1		
	19	2		2		1	1		2	1		
	20	2		2		1	1		2	1		

For the connection of modules installed side by side, cable item 354000 (L=620 mm) must be used

Digital call video composition with display module 352500 and keypad 353000

		FLUSH MOUNTED BOX		FRAME		ELECTRONIC MODULES				
										
		350130	350110	330335	330315	352400	351100	352500	353000	
without keypad		1		1		1	1	1		
with keypad		1	1	1	1	1	1	1	1	

NOTE: the display module item 352500 provides storage for up to 4000 residents names.



CAMERA + AUDIO PUSHBUTTON FRONT COVERS

SURROUND PLATE

CAMERA + AUDIO PUSHBUTTON FRONT COVERS								SURROUND PLATE	
351115	351125	352035	352045	351145	351185	352165	352185	350425	350435
1								1	
	1							1	
		1							1
			1						1
	1	1							1
	1		1						1
							1		1
							1		1
				1			1		1
				1			1		1
					1		1		1
					1		1		1
						1	1	2	
						1	1	2	
							2	2	
							2	2	
				1			2	2	
				1			2	2	
					1		2	2	
					1		2	2	

FRONT COVERS

SURROUND PLATE

FRONT COVERS				SURROUND PLATE	
352405	351105	352505	353005	350435	350415
1	1	1		1	
1	1	1	1	1	1


WARNING

- Add to the system composition any configurators needed (software configuration using TiSferaDesign recommended).
- In alternative to flush mounted steel boxes with tearing protection, it is also possible to use plastic flush mounted boxes, items 350020 - 350030.
- SFERA ROBUR can be wall mounted using the specific boxes with built-in rainshield, available in several modularities (see catalogue).
- 1 to 9 module rainshields are available on request (see catalogue).
- The shown compositions are examples. IT is however possible to install compositions with pushbuttons on single or double rows depending on needs.

2 WIRE SYSTEM

ENTRANCE PANEL CATALOGUE

AXOLUTE Outdoor

Flush mounted digital call video entrance panel available in STEEL and BRASS finish. Protection index IP54. Protection index against mechanical impact IK07.



339313 339213 349140

Item	FLUSH MOUNTED BOX WITH TEARING PROTECTION
339313	3 module flush mounted steel box with tearing protection. The SFERA 3 module flush mounted box, item 331130, may also be used in alternative

Item	ELECTRONIC MODULE
349140	AXOLUTE Outdoor electronic module. Device also suitable for use in IP systems. It is fitted with capacitive soft touch control backlit keypad, motorised colour camera (which swivelling operation can be controlled from the preset handsets), colour display with home page that can be fully customised by the installer, and transponder reader for the release of the door lock, which may also be activated using a numeric code for residents. Module to be finished with flush mounted box, item 339313, and surround plate, item 339213 (steel), or 339223 (brass). TiAxoluteOutdoor and TiContacts programming software, residents' address book creation, and configuration supplied. By locally installing a permanent cable with RJ45 socket (T568B type cross connection), it is possible to update the residents address book and the configuration, without removing the pushbutton panel. The device meets the following characteristics: protection index IP54, protection index against mechanical impact IK07

Item	SURROUND PLATE + FRAME
339213	3-module surround plate + frame in steel finish. Anti-tamper assembly/disassembly safety key supplied
339223	3-module surround plate+frame in brass finish. Anti-tamper assembly/disassembly safety key supplied

LINEA 300

Video pushbutton entrance panels for flush mounted or wall mounted installation, available in ALUMINIUM and STAINLESS STEEL finish. Protection index: IP44. Protection index against mechanical impact: IK07.



308001 308002 308003 308004
308011 308012 308013 308014

Item	ALUMINIUM FINISH PUSHBUTTON PANEL
308001	Monobloc vandal-resistant 2 WIRE video pushbutton panel for 2 and 4 calls with aluminium finish. The item code includes: flush mounted box, frame, colour video and audio electronic module, prewired pushbutton module/s. Presetting for the mounting of transponder reader or key switch. Backlit call keys. Visual and sound notifications of the communication status for: call active, system busy, door lock status
308002	As item 308001 but for up to 8 calls
308003	As item 308001 but for up to 12 calls
308004	As item 308001 but for up to 20 calls
308005	As item 308001 but for up to 32 calls

Item	WALL MOUNTED BOXES
308021	Wall mounted box for pushbutton panels, items 308001-308011
308022	Wall mounted box for pushbutton panels, items 308002-308012
308023	Wall mounted box for pushbutton panels, items 308003-308013
308024	Wall mounted box for pushbutton panels, items 308004-308014
308025	Wall mounted box for pushbutton panels, items 308005-308015

Item	STAINLESS STEEL FINISH PUSHBUTTON PANEL
308011	Monobloc vandal-resistant 2 WIRE video pushbutton panel for 2 and 4 calls with stainless steel finish. The item code includes: flush mounted box, frame, colour video and audio electronic module, prewired pushbutton module/s. Presetting for the mounting of transponder reader or key switch. Backlit call keys. Visual and sound notifications of the communication status for: call active, system busy, door lock status
308012	As item 308011 but for up to 8 calls
308013	As item 308011 but for up to 12 calls
308014	As item 308011 but for up to 20 calls
308015	As item 308011 but for up to 32 calls

LINEA 100



343101



343102



343100

Item	PUSHBUTTON ENTRANCE PANELS
343101	2 WIRE audio pushbutton panel with 4 call pushbuttons for wall mounted installation. It's fitted with internal contact (C - NO - NC) for the connection of an electrical door lock or an external actuator (for the power supply to the electrical door lock allow for the installation of auxiliary transformer item 336482). Connections (PL) for a local door lock release pushbutton
343102	2 WIRE audio pushbutton panel with 8 call pushbuttons for wall mounted installation. It's fitted with internal contact (C - NO - NC) for the connection of an electrical door lock or an external actuator (for the power supply to the electrical door lock allow for the installation of auxiliary transformer item 336482). Connections (PL) for a local door lock release pushbutton

Item	DIGITAL CALL ENTRANCE PANELS
343100	2 WIRE AUDIO digital call pushbutton panel for wall mounted installation. The device consists of a pushbutton panel with 16 keys and a digital display showing the operating status. Using previously saved numerical (SCS addresses) or alphanumeric (logical addresses) codes, it is possible to call the internal units, and for the residents to release the door lock using a dedicated numerical code. The pushbutton panel manages up to 4000 internal unit addresses (from 0 to 3999), as well as the direct call to the 2 WIRE switchboard. It's fitted with internal contact (C - NO - NC) for the connection of an electrical door lock or an external actuator (for the power supply to the electrical door lock allow for the installation of auxiliary transformer item 336482). Connections (PL) for a local door lock release pushbutton



2 WIRE SYSTEM

ENTRANCE PANEL CATALOGUE

LINEA 2000 METAL entrance panels

Audio and video entrance panels for one-family and two-family systems for wall mounted, gate post, or flush mounted installation.
Protection index against mechanical impact: IK10 (audio EP) – IK07 (video EP)



342971



342981
342991



343001

Item	WALL MOUNTED AUDIO ENTRANCE PANELS
342971	2 WIRE audio pushbutton panel with one call pushbutton for wall mounted installation. Zamak front cover. Nameplate lit by blue LED. Protection index against mechanical impact: IK10
342972	As item 342971, but with 2 call pushbuttons

Item	WALL MOUNTED VIDEO ENTRANCE PANELS
342981	2 WIRE video pushbutton panel with black and white camera and one call pushbutton. With white LEDs for illumination of the viewing field in low light conditions. Communication status audible - light signals for: call active, system busy, door lock release. Wall mounted installation. Zamak front cover. Nameplate lit by blue LED. Protection index against mechanical impact: IK07
342982	As item 342981, but with 2 call pushbuttons
342991	2 WIRE video pushbutton panel with colour camera and one call pushbutton. With white LEDs for illumination of the viewing field in low light conditions. Communication status audible - light signals for: call active, system busy, door lock release. Wall mounted installation. Zamak front cover. Nameplate lit by blue LED. Protection index against mechanical impact: IK07
342992	As item 342991, but with 2 call pushbuttons

Item	FLUSH MOUNTED VIDEO ENTRANCE PANELS
343001	2 WIRE video pushbutton panel with colour camera and one call pushbutton. With white LEDs for illumination of the viewing field in low light conditions. Communication status audible - light signals for: call active, system busy, door lock release. Flush mounted installation. Zamak front cover. Nameplate lit by blue LED. Flush mounted box, frame, and speaker module supplied
343002	As item 343001, but with 2 call pushbuttons

LINEA 2000 entrance panels

Audio and video entrance panels for wall mounted or gate post installation.



342911



342961



342931



342941

Item	LINEA 2000 AUDIO ENTRANCE PANELS
342911	2 WIRE audio pushbutton panel with one call pushbutton for wall mounted installation. Aluminium front cover. Nameplate lit by green LED
342921	As item 342911, but with 2 call pushbuttons
342931	As item 342911, but with 3 call pushbuttons
342941	As item 342911, but with 4 call pushbuttons

Item	LINEA 2000 VIDEO ENTRANCE PANELS
342951	2 WIRE video pushbutton panel with black and white camera and one call pushbutton. Wall mounted installation. Aluminium front cover. Nameplate lit by green LED
342961	As item 342951, but with 2 call pushbuttons

INTERNAL UNIT CATALOGUE

MyHOME Screen 10

AXOLUTE VIDEO STATION



NEW



67268



67267

Item	MyHOME SCREEN 10
67268	Touch screen control terminal with LCD 16/9 10" display and new graphic interface for wall mounted installation. Black finish. In addition to the video door entry and the CCTV functions, when integrated with MyHOME home automation systems it becomes an actual control terminal for the home. Thanks to the advanced graphic interface, it is possible to control and monitor all the home automation functions, as well as offering navigation by room. It manages multimedia contents (Ethernet, USB, SD Card), and the WEB Browser. Possibility of customising the backgrounds. Wall installation with flush mounted box 506E. NO finishing surround plate required.
67267	As item 67268, white



349320



349321

Item	AXOLUTE VIDEO STATION NIGHTER AND WHICE
349320	2 WIRE handsfree video internal unit for wall mounted installation in Nighter finish. With 8" colour LCD display, backlit capacitive keypad with soft touch controls and PC customisable OSD navigation icon menu for the management of the following MyHOME applications: video door entry system, temperature control, sound system, automation (scenarios) and anti-intrusion and multimedia. In systems integrated with the sound system, the VIDEO STATION behaves as an amplifier, enabling playback of all audio/video sources connected to the system. Keys available: navigation, auto-switch on, door lock release, staircase lights, mute, handsfree/pager connection, and call exclusion. LED signalling for: call exclusion, door status, and connection. Firmware update/programming USB port. It can be integrated with MyHOME, also in combination with the Multimedia interface, item 3465 - (in this case, allow for a local video door entry system power supply). Suitable for wall mounted installation using the special bracket (supplied as standard). It can be configured using physical configurators or the TiNighterandWhiceStation programming and configuration software (supplied as standard)
349321	As item 349320, white

2 WIRE SYSTEM

INTERNAL UNIT CATALOGUE

AXOLUTE VIDEO DISPLAY Handsets



349313



349312



349319



349413



349414

Item	VIDEO DISPLAY
349313	2 WIRE AXOLUTE white handsfree video internal unit for flush mounted installation. With 2.5" colour LCD display with PC customisable OSD navigation icon menu for the management of the following MyHOME applications: video door entry system, temperature control, sound system, automation (scenarios) and anti-intrusion. Keys included: navigation, auto-switch on, door lock release, handsfree connection. LED signalling for: call exclusion, door status, and handsfree connection. Firmware update/programming USB port. suitable for flush mounted installation using item 506 boxes. To be completed with finishing plate (all those suitable for item 506E of the AXOLUTE series). It can be configured using physical configurators or the TiAxoluteDisplay programming and configuration software (supplied as standard)
349311	As item 349313, AXOLUTE tech
349312	As item 349313, AXOLUTE anthracite

Item	VIDEO DISPLAY TABLE-TOP BASE
349319	AXOLUTE VIDEO DISPLAY video internal unit table-top base. It can be connected to the system using the cable item 336803 and an 8 pole socket (item 349413, item 349414, item 349415). To be completed with the rectangular front cover plates for item 506E of the AXOLUTE civil series

TABLE-TOP INSTALLATION 8 POLE PLUG	
349418	Axolute 8 pole PLUG for table-top connection of the AXOLUTE Video Display video internal units. White
349414	Axolute 8 pole PLUG for table-top connection of the AXOLUTE Video Display video internal units. Tech
349415	Axolute 8 pole PLUG for table-top connection of the AXOLUTE Video Display video internal units. Anthracite

INTERNAL UNIT CATALOGUE

AXOLUTE VIDEO DISPLAY Cover plates

RECTANGULAR COVER PLATES

ALUMINIUM		
	Brushed Aluminium	HA4826XC
	Brushed Anthracite	HA4826XS
	Brushed Titanium	HA4826NX
LACQUERED		
	White Limoges	HA4826BG
	Red China	HA4826RC
	Green Sèvres	HA4826VS
	Blue Meissen	HA4826BM
ANODIZED		
	Brushed Chrome	HA4826CR
	Brushed Bronze	HA4826BR
	Brushed Mercury	HA4826AZ
	Silver Mat	HA4826SA
WOOD		
	Ashwood	HA4826LFR
	Teak	HA4826LTK
	Wenge	HA4826LWE
GLASS		
	Black Glass	HA4826VNN
	Blue Glass	HA4826VZS
	Mirror Glass	HA4826VSA
	Kristall Glass	HA4826VKA
STONE		
	Slate	HA4826RLV
	Carrara Marble	HA4826RMC



Rectangular
HA4826...



Elliptic
HB4826...

ELLIPTIC COVER PLATES

METALLIZED		
	Axolute Aluminium	HB4826XC
	Axolute Anthracite	HB4826XS
	Solid Black	HB4826NR
LIQUID		
	Liquid White	HB4826DB
	Liquid Ivory	HB4826DA
	Liquid Blue	HB4826DZ
	Liquid Orange	HB4826DR
	Liquid Green	HB4826DV
GLOSSY		
	Shiny Gold	HB4826OR
	Light Titanium	HB4826TC
	Silver Mat	HB4826SA
	Gold Mat	HB4826OS
WOOD		
	Maple	HB4826LAE
	Cherrywood	HB4826LCA
	Walnut	HB4826LNC
CORIAN®		
	Dusk	HB4826CDK
	Sandstone	HB4826CSD
STEEL		
	Shiny Alessi Stainl. Steel	HB4826AXL
	Brushed Alessi Stainl. Steel	HB4826AXS
LEATHER		
	Sand Leather	HB4826SLC
	Coffee Leather	HB4826SLS

INTERNAL UNIT CATALOGUE

POLYX



344082



344163



344165

Item	POLYX AUDIO
344082	Wall mounted 2 WIRE handsfree audio internal unit. Performs all the traditional door entry system functions. Keys available: entrance panel/cycling activation, door lock release, staircase light switching on, and 4 programmable keys, which operation is defined during the configuration procedure. Configuration through physical connection of the configurators. Wall fixing bracket supplied. Specific audible and visual signals mean that it is also suitable for use by disabled people. Fixing bracket supplied

	POLYX VIDEO BASE
344192	Wall mounted 2 WIRE handsfree video internal unit with 3.5" colour LCD display. Performs all the traditional video door entry system functions. Keys available: entrance panel/cycling activation, door lock release, staircase light switching on, and 4 programmable keys, which operation is defined during the configuration procedure. Configuration through physical connection of the configurators. Wall fixing bracket supplied. Specific audible and visual signals mean that it is also suitable for use by disabled people. Fixing bracket supplied
344182	As above but with teleloop

	POLYX MEMORY DISPLAY AND INDUCTIVE LOOP MODULE
344163	Wall mounted installation 2 WIRE handsfree video internal unit with audio and video memory. With 3.5" colour LCD display with PC customisable OSD navigation icon menu for the management of the following MyHOME applications: video door entry system, temperature control, sound system, scenarios and anti-intrusion. With video door entry system answering machine with call memory function. LED signalling for: call exclusion, door status, connection with entrance panel, and answering machine status. Suitable for wall mounted installation using the special bracket (supplied as standard). Configuration using the physical configurators or the TiPolyxMemoryDisplay software supplied as standard with the product
344165	2 WIRE inductive loop module to be used with the Polyx Memory Display video handset, to enable use by people wearing hearing aids (fitted with T selector). The module must be configured using the same address (N) of the associated handset. Wall mounted installation without the need of accessories

CLASSE 100



344252

NEW



344552

Item	CLASSE 100 A12B AUDIO INTERNAL UNIT
344252	2 WIRE handsfree audio internal unit for wall mounted or table top installation (support required, to be purchased separately). It has 4 pushbuttons for: door lock release, handsfree connection, staircase lights, and entrance panel activation and cycling. Independent adjustment of ringtone volume and speaker volume
344552	Table top support

344502
344512

NEW



344552



Item	CLASSE 100 V12B VIDEO INTERNAL UNIT
344502	2 WIRE handsfree colour video internal unit for wall mounted or table top installation (support required, to be purchased separately). It has 4 pushbuttons for: door lock release, handsfree connection, staircase lights, and entrance panel activation and cycling. Independent adjustment of ringtone volume, speaker volume, display colour and brightness.
344512	As above but with INDUCTIVE LOOP
344552	Table top support for 344502 - 344512



SWING



344704



344824

Item	SWING AUDIO AND VIDEO HANDSETS
344704	2 WIRE audio handset for wall mounted installation. It's fitted with keys for: door lock release and 4 programmable keys (0-1-2-3), which operating mode is set through the configuration. The ringtone volume can be adjusted, or the ringtone volume may be disabled. Conversation secrecy function, office function, and door lock release (signalling through appropriate LED). White. Wall mounted bracket supplied as standard
344824	2 WIRE video handset with colour 4" TFT monitor. Wall mounted installation. With door lock release key and 4 programmable keys (0-1-2-3), which operating mode is set through appropriate configuration procedure. The ringtone volume can be adjusted, or the ringtone volume may be disabled. Conversation secrecy function, office function, and door lock release (signalling through appropriate LED). White. Wall mounted bracket supplied as standard

SPRINT L2



344242

Item	SPRINT L2 AUDIO HANDSET
344242	2 WIRE audio handset (without the possibility of fitting with accessories) for audio systems and mixed audio /video systems. Wall mounted installation without the need of accessories. With door lock release key and auxiliary functions key (that can be configured). Ringtone volume adjustable on 3 levels. White

2 WIRE SYSTEM

INTERNAL UNIT CATALOGUE

2 WIRE Switchboard



346310

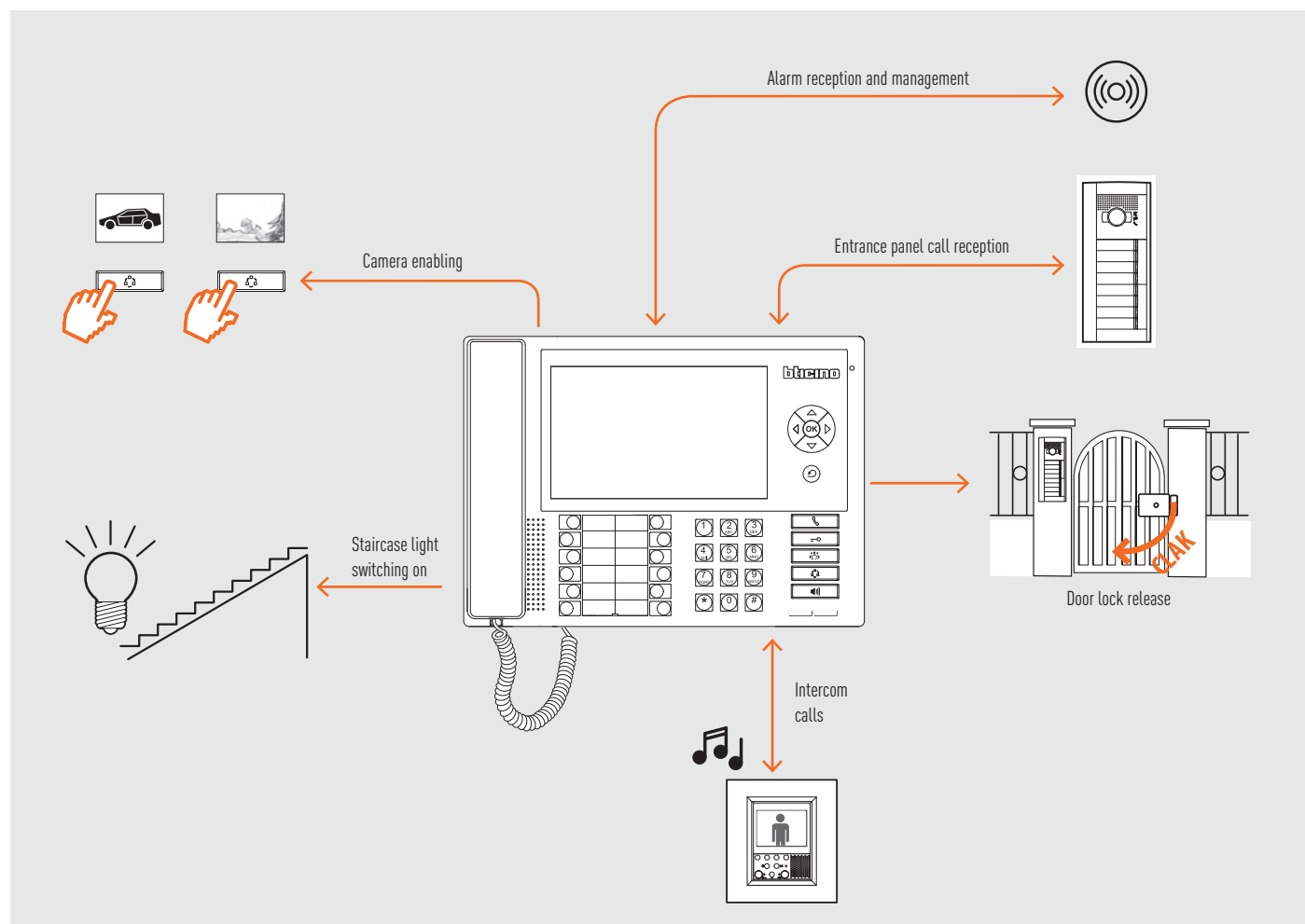
Item	SWITCHBOARD AND ACCESSORIES
346310	Switchboard for 2 WIRE audio and video systems. It provides access to various services (video door entry system functions, door lock and/or stair light management, and monitoring of apartment alarms) directly from the keyboard, or using the intuitive menu icons. The switchboard is supplied with built-in table-top support and has a 7" colour LCD display, receiver and handsfree, dedicated keys for the main functions, and configurable keys. Programming can be performed directly from the device, or using a PC with the software (supplied as standard)
336982	8-way socket, white LIVINGLIGHT, for table-top installation of switchboard item 346310
336803	Cable (8 wires - frayed) for table-top installation of the switchboard, item 346310

Software Switchboard



346300

Item	SOFTSWITCHBOARD SOFTWARE
346300	Switchboard software for the management of audio and video door entry system calls. The software (Windows operating system compatible) can be installed on any desktop or laptop PC, and gives the possibility of receiving, managing and transferring the calls from the entrance panel and the handset. It implements home video monitoring, with cyclical display of the cameras, night and day functions, and the possibility of displaying the alarms in the various apartments. - Supported operating systems: Microsoft Windows XP Service Pack 2 and Windows Vista. - Software required: NET Framework 2.0 or higher



SYSTEM ACCESSORIES CATALOGUE

DIN accessories



346000 SELV



346030 SELV F441



346850



346890



346200

Item	POWER SUPPLIES
346000	2 WIRE audio and video system power supply with 8 DIN modular housing. Power supply 230 Vac @ 50-60 Hz. On the output it supplies 27 Vdc continuous low voltage, with a maximum current of 1.2 A. It is electronically protected (without fuses) against short circuit and overload. It is a SELV double insulation safety device
346040	2 WIRE audio system power supply with 6 DIN modular housing. Power supply 110 – 240 Vac @ 50 – 60 Hz. On the output it supplies 26 Vdc rated low voltage, and a maximum rated current of 600 mA. It is protected on the PRI side (with fuses) against short circuit and overload. It is a SELV double insulation safety device
346030	Mini power supply with integrated video adapter for small 2 WIRE video systems (intercom). 2 DIN modular housing. Power supply 230 Vac @ 50-60 Hz. On the output it supplies 27 Vdc continuous low voltage, with a maximum current of 600 mA. It is protected on the PRI side (with fuses) against short circuit and overload. It is a SELV double insulation safety device
346020	Additional power supply used for the local power supply of preset handsets and entrance panels. 2 DIN modular housing. Power supply 230 Vac @ 50-60 Hz. On the output it supplies 27 Vdc continuous low voltage, with a maximum current of 600 mA. It is protected on the PRI side (with fuses) against short circuit and overload. It is a SELV double insulation safety device

Item	VIDEO MIXER
346830	Video adapter with 2 DIN modular housing. For connecting 3 BUS to the system. It is therefore possible to install systems with 2 video entrance panels and 1 riser, as well as systems with one video entrance panel and 2 risers. The device must be used with system power supply, item 346000
F441	Audio/video node with 2 DIN modular housing preset with 4 input clamps and 4 output clamps. It can be used for connecting up to 4 source device posts (entrance panels or cameras) on the input and up to 4 2 WIRE video risers on the output. The device must be used with system power supply item 346000. It must be used in alternative to the audio/video adapter, item 346830
F441M	Multichannel matrix with 10 DIN modular housing. Preset for the connection of video door entry system entrance panels, cameras and sound system sources on the input, and entrance panels and amplifiers on the output. Four inputs are for entrance panels/cameras, and 4 for sound system sources. It enables to create multichannel sound system. The device must be used with system power supply item 346000. Within the systems, it replaces the video adapter, item 346830, and the audio/video node, item F441

Item	SYSTEM INTERFACE
346850	Apartment interface in 4 DIN modular housing. It can be used to interface to a 2 WIRE riser a dedicated apartment video door entry system with local video monitoring system, sound system, and MyHOME applications control. The device must be configured using physical configurators
346851	System expansion interface with modular 4 DIN housing. It enables doubling of the length of the entrance panel - handset line, to create independent audio risers, and to expand the range or functions of the apartment system. The device must be configured using physical configurators

Item	INTERFACES WITH OTHER BTICINO SYSTEMS
346890	2 WIRE - IP interface with 10 DIN modular housing. Thanks to the creation of an IP backbone with 2 WIRE risers, it gives the possibility of installing very large mixed 2 WIRE/IP systems with a high number of devices. The device must be configured using physical configurators, or the software supplied
346810	2 WIRE - PABX interface with 3 DIN modular housing. For interfacing the 2 WIRE audio system with PABX 335818 and 335828 telephone switchboards

Item	DIN ACTUATORS
346200	Relay actuator with 4 DIN modular housing. It can be used for switching the lights on, opening the gates, repeating calls on bells (MOD=SLA), or for controlling other devices using the video handsets. The device must be configured using physical configurators
346230	Door lock relay actuator with 2 DIN modular housing. For the power supply and activation of an electrical door lock. The device must be configured using physical configurators
346260	Timed door lock relay actuator with 4 DIN modular housing. It can be used for switching the lights on, opening gates, or manage electromagnetic door locks, timed door opening, and door lock status (with NC contact). The device must be configured using physical configurators

SYSTEM ACCESSORIES CATALOGUE



346841



347400



346991

Item	BASIC HOUSING DEVICES
346841	4-output floor shunt. For installing 2 WIRE video door entry systems with star wiring distribution. The device automatically adapts the video signal. Thanks to its compact sizes, it can also be fitted inside a push mounted box
346833	Call to the floor interface. By connecting a traditional pushbutton, the following functions will be possible: general call to the floor, addressed call to the floor, staircase lights on, and door lock release (specific actuator needed) and association of the video image to the call to the floor. The device must be configured using physical configurators
347400	Interface for the conversion of the coaxial signal into a 2 WIRE BUS signal. It can be used to connect to the BUS of the 2 WIRE video door entry system a camera with coaxial video output powered at 12 Vdc, with maximum absorption 150 mA and 1 Vpp video output (75 Ω). The device must be configured using physical configurators

	UNIVERSAL SPEAKER UNIT AND EXPANSION MODULE
346991	The universal speaker unit can be used to install the 2 WIRE audio system in new or refurbished systems, where pushbutton panels of other manufacturers are present or required (mail boxes, patterned brass, compact sheet metal units, etc.), preset for a traditional speaker module (e.g. 2659N). The universal speaker unit has a contact base for the connection of 8 call keys; for systems with a higher number of keys up to 56 one or more key expansion modules must be used (1 every 8 keys)
346992	Expansion module for connecting more than 8 call keys to item 346991 - max. 6 modules (56 calls max.) with power supply 346000. Max 2 modules (24 calls max.) with power supply 346010



BT-346870



391670



346250



3499

Item	WIRING ACCESSORIES
346870	2 WIRE video amplifier. In video systems wired using non-twisted wires, where the distance between the entrance panels and the handset exceeds 50 metres, it enables increasing such distance to up to 100 metres
346250	Gate opening relay module to be used with LINEA 2000, LINEA 2000 METAL, MINISFERA AND SFERA pushbutton panels (only audio/video module 342560). It can be used to release door locks (NOT managed through the BUS) from the entrance panel
3499	Line terminator. To be used to terminate the riser or apartment line, when the last installed device is not fitted with line closing micro switch
354000	Cable for the connection of more SFERA NEW and SFERA ROBUR pushbutton modules. Length 620 mm

	2 WIRE OUTDOOR CAMERA
391670	Compact colour camera with IP 65 housing. 6 mm fixed optics, 1/3" CCD, 330 horizontal lines resolution. The device must be configured using physical configurators

	EXTRA BELLS
336992	LIVINGLIGHT extra bell (white). It's used to repeat the video door entry system call in several rooms. Wall mounted installation using the accessories and front cover plates of the LIVINGLIGHT residential series
336993	As item 336992, ma in estetica LIVINGLIGHT anthracite
336994	As item 336992, ma in estetica LIVINGLIGHT tech
336910	Extra bell with neutral look. It's used to repeat the video door entry system call in several rooms. Wall mounted installation or installation inside round box (with fixing clips)



Transponder keys and programmer



348201



348202



348205



348207

Item	TRANSPONDER KEYS AND PROGRAMMER
348200	Black transponder key
348201	Red transponder key
348202	Green transponder key
348203	Blue transponder key
348204	Orange transponder key
348205	Grey transponder key
348206	Yellow transponder key
348207	White transponder key
348402	Table-top transponder key programmer

System cable



336904

Item	SYSTEM CABLE
336904	Specific cable for 2 wire video door system applications with 2 twisted conductors. It can be installed in underground piping, in accordance with CEI 20-13 e CEI 20-14 standards. It ensures the best performance in video systems (higher distance between EP and Handset when compared with other cables). 200 m coil

Configurators



3501K

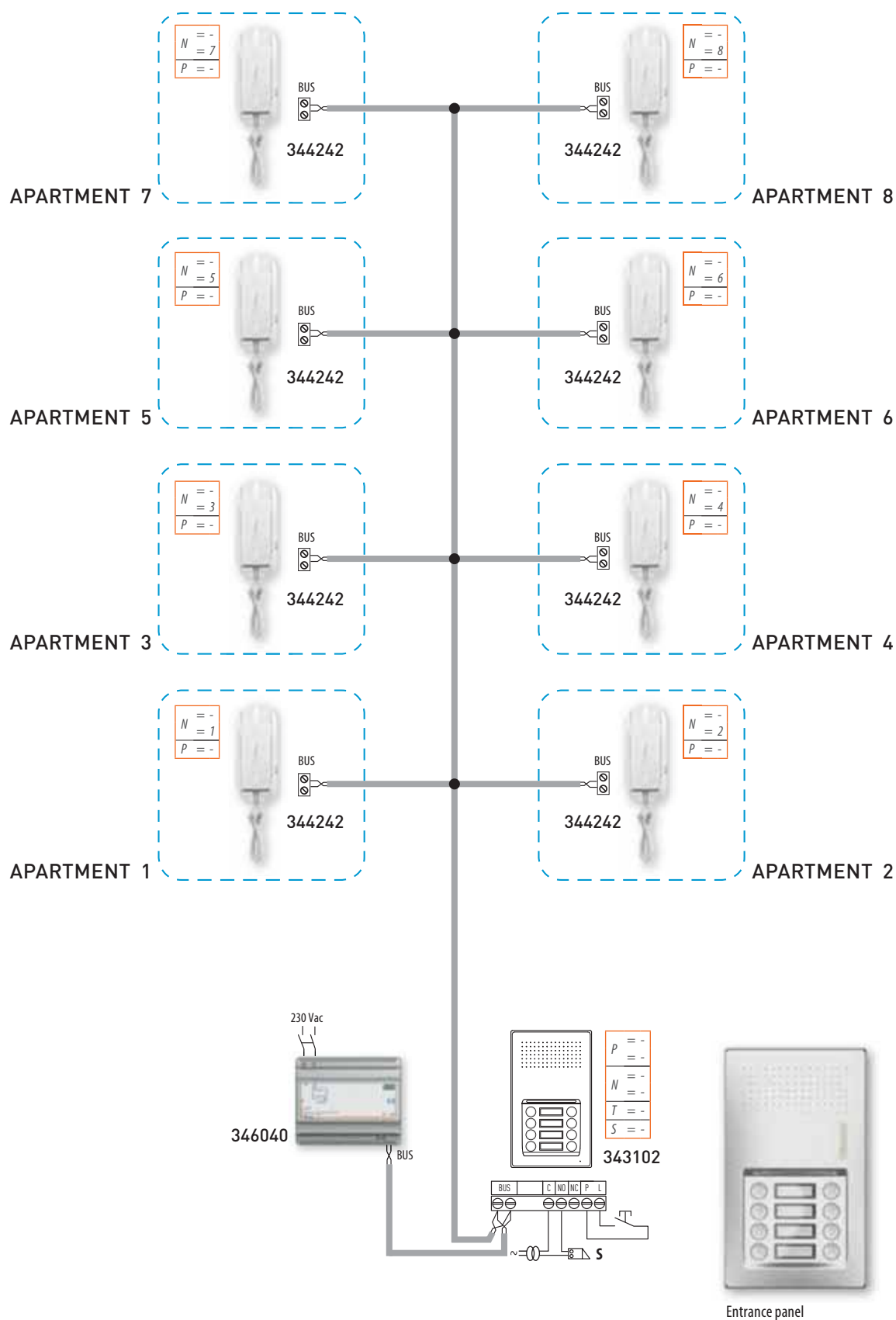
Item	CONFIGURATORS (10 PIECE PACK)
3501/0	Configurator 0
3501/1	Configurator 1
3501/2	Configurator 2
3501/3	Configurator 3
3501/4	Configurator 4
3501/5	Configurator 5
3501/6	Configurator 6
3501/7	Configurator 7
3501/8	Configurator 8
3501/9	Configurator 9
3501/JMP	Configurator JMP

	CONFIGURATOR KIT
3501K	Configurator kit consisting of: - 10 pieces for each type of configurator from 0 to 9 - 2 blue removable 8-clamp connectors - 2 green removable 2-clamp connectors - 1 configurator connection tool - 1 plastic screwdriver

2 WIRE SYSTEM

WIRING DIAGRAM

Example of multi-family audio system



The diagram illustrates a multi-apartment intercom system. At the top, three apartments are shown, each with a video intercom unit and a specific model number:

- APARTMENT 18:** Model 344832. The unit has a display showing a person's face. The status indicators are: P = -, N = 1, MOD = -.
- APARTMENT 16:** Model 344832. The unit has a display showing a person's face. The status indicators are: P = -, N = 1, MOD = -.
- APARTMENT 2:** Model 344192. The unit has a display showing a person's face. The status indicators are: P = -, N = 2, M = -.
- APARTMENT 1:** Model 344082. The unit has a display showing a person's face. The status indicators are: P = -, N = 1, M = -.

Each apartment unit is connected to a central BUS line. The BUS line is connected to a central unit (346841) which is connected to a power supply unit (346000). The power supply unit is connected to a 230 Vac power source. The central unit (346841) is also connected to a BUS line that runs through the system.

At the bottom left, the **Entrance panel** is shown, which includes a camera and a display. The panel is connected to the BUS line. The panel has a status indicator table:

P	= -
N	= 1
S	= -
T	= -
M	= -
J1	= -
JMP	= -

The diagram also shows the internal wiring of the entrance panel, including the connection of the BUS line to the panel's terminals. The panel has a terminal block with the following labels: BUS, 2, 1, PL, S+, S-. The wiring is connected to the panel's internal components, including a camera and a display.





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The high performance system offer

D45 SYSTEM simplifies installation in residential complexes with large numbers of apartments. The use of UTP cables and RJ45 connections for all the devices provides quick, easy installation for both backbone and riser devices. The system is suitable for the varied requirements of systems of different sizes on risers or TCP/IP networks, ensuring maximum cost saving.



Complexes with large numbers of apartments



ANTI-TAMPER FUNCTION ON ALL INDOOR HANDSETS

POSSIBILITY TO CONNECT AN ADDITIONAL CAMERA TO THE SWITCHBOARD

INTERCOM BETWEEN ALL THE APARTMENT OF THE RISER

SOS PUSHBUTTON ON ALL INDOOR HANDSETS

HIGH PERFORMANCE



INSTALLATION OF UP TO:

4000	Apartments
800	Handsets per riser
80	Entrance panels per riser
16	Switchboards
100	Riser shunts
1 km	Distance for colour video installation
2 km	Distance for B/W video installation



ENTRANCE PANEL OVERVIEW

Three different entrance panels to meet to different needs:

DIGITAL CALL ENTRANCE PANEL

Digital call keypad for large buildings

- numeric or alphanumeric code
- access control function
  - open the door with a code number
  - one configurable code per family
- direct call to switchboard
- zama finish guarantees high resistance
- IP54 protection index
- flush mounted (box sold with entrance panel)
- possibility of use in conjunction with name plate module
- software configuration
- call list addresses



PUSHBUTTON CALL ENTRANCE PANEL

Call pushbutton calls for large buildings

- same design as the digital call version
- 10 and 20 pushbutton models
- 16 and 32 pushbutton extension panel models
- easy name label replacement
- IP54 protection index
- flush mounted installation

NEW



NEW



SINGLE CALL ENTRANCE PANEL

Single pushbutton call suitable for:

- ONE-FAMILY system
- private entrance panel in multi-family system
- aluminium alloy panel
- IP54 protection degree
- wall mounted installation



INTERNAL UNIT OVERVIEW

Different models of internal units to cover all the market segments, from audio to colour video solutions, from basic to innovative functions :

VIDEO OFFER

B/W AND COLOUR VIDEO INTERNAL UNITS

- wall mounting installation
- SOS pushbutton
- INTERCOM
- direct call to the switchboard
- door lock pushbutton
- direct integration with alarm sensors



Top level 7" wide screen
colour handsfree



Standard level 5.6"
- colour handsfree



Entry level 3.5"
colour handsfree



B/W handset



B/W handsfree

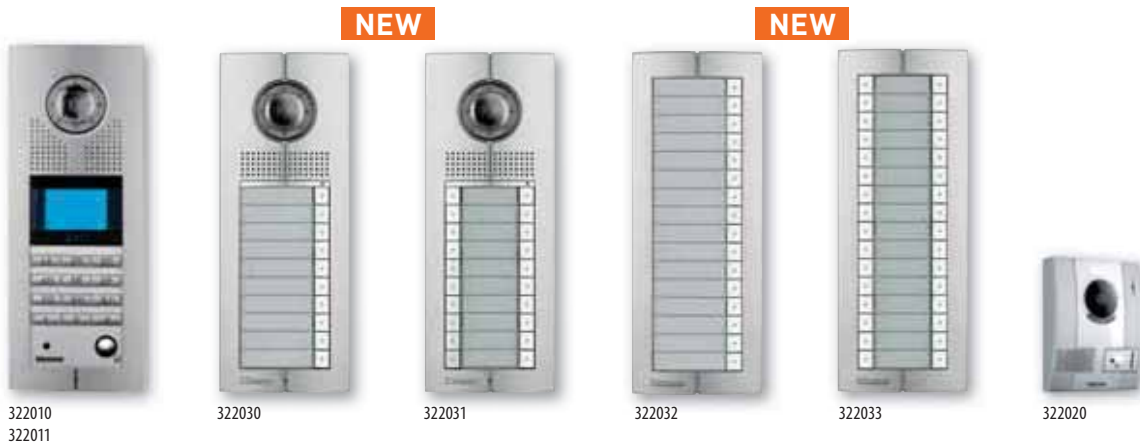
AUDIO OFFER

AUDIO HANDSET

- wall mounted installation
- door lock pushbutton
- direct call to the switchboard
- external SOS pushbutton option



ENTRANCE PANEL CATALOGUE



Item	DIGITAL CALL COLOUR ENTRANCE PANEL
322010	Zamak digital call entrance panel with keyboard, LCD display and colour camera. Equipped with door lock release and burglar alarm notification. Configuration screen menu and software upgrade without the need to dismantle the device. Flush mounted installation (flush mounted box sold with the entrance panel). Protection index : IP54
322011*	Same as 322010 but with address list

	NAMEPLATE MODULE
322012*	Zamak nameplate module to install at the side of the digital call entrance panel 322010 to insert the list of residents or customised messages. Easy insertion / replacement of nameplates. Flush mounted installation (flush mounted box sold with the module). Protection index : IP54

	PUSHBUTTON CALL COLOUR ENTRANCE PANELS
322030	Zamak pushbutton entrance panel with 10 call pushbuttons and colour camera. Flush mounted installation (flush mounted box sold with the entrance panel). Protection index : IP54
322031	Zamak pushbutton entrance panel with 20 call pushbuttons and colour camera. Flush mounted installation (flush mounted box sold with the entrance panel). Protection index : IP54

Item	ADDITIONAL PUSHBUTTON MODULE
322032	Additional Zamak pushbutton panel with 16 call pushbuttons on single column. Easy insertion / replacement of nameplates. Flush mounted installation (flush mounted box sold with the module). Protection index: IP54
322033	Additional Zamak pushbutton panel with 32 call pushbuttons on double column. Easy insertion / replacement of nameplates. Flush mounted installation (flush mounted box sold with the module). Protection index: IP54

	SINGLE CALL SMALL ENTRANCE PANEL
322020	Aluminium alloy single call small entrance panel to be installed in one-family systems or as private entrance panel in multi-family systems. Touch-sensitive pushbutton for calling indoor handsets and direct conversation. Double verified intercom calls. Surface mounted device. Protection index : IP54.

* AVAILABLE SOON

INTERNAL UNIT CATALOGUE



Item	HANDSFREE COLOUR INTERNAL UNITS
322050	Handsfree slim colour internal unit with alarm function, with 7" TFT LED backlit screen (16/9 format). Equipped for standard VDE functions plus INTERCOM with other internal units, direct call to the switchboard, SOS pushbutton and possibility of direct connection with alarm sensors. 12 different ringtones (available). Wall mounted device
321010	Handsfree colour internal unit with alarm function, with 5.6" TFT LED backlit screen (4/3 format). Equipped for standard VDE functions plus INTERCOM with other internal units, direct call to the switchboard, SOS pushbutton and possibility of direct connection with alarm sensors. 12 different ringtones (available). Wall mounted device
321060*	Handsfree colour internal unit with 3.5" TFT LED backlit screen. Equipped for standard VDE functions plus direct call to the switchboard and entrance panel camera activation. 12 different ringtones (available). Wall mounted device

* AVAILABLE SOON

Item	BLACK & WHITE INTERNAL UNIT
321020	Handsfree B/W internal unit with alarm function, with 3.5" CRT screen. Equipped for standard VDE functions plus INTERCOM with other internal units, direct call to the switchboard, SOS pushbutton and possibility of direct connection with alarm sensors. 12 different ringtones (available). Wall mounted device
321030	Handset B/W internal unit with alarm function, with 3.5" CRT screen. Equipped for standard VDE functions plus INTERCOM with other internal units, direct call to the switchboard, SOS pushbutton and possibility of direct connection with alarm sensors. 12 different ringtones (available). Wall mounted device

	AUDIO HANDSET INTERNAL UNIT
322040	Handset audio internal unit, equipped for standard DES functions plus INTERCOM with other internal unit and direct call to the switchboard. Possibility to connect an external SOS call switch. Wall mounted device

	SWITCHBOARD
323001	Table-top switchboard unit with high resolution 7" LCD display with graphic icons. Able to communicate with internal units, entrance panels and other devices. Manages incoming calls and alarms. Possibility to save up to 1000 calls and alarms and to directly connect an external COAX camera. Equipped with 12 shortcut pushbuttons for direct access of calls and services.

SYSTEM ACCESSORIES CATALOGUE



323002



323003



323005



323009

Item	SYSTEM ACCESSORIES
323002	Floor shunt This is used to convert video signals on the BUS to transfer mode and then distribute them to the connected internal units. To be installed between floors. Each floor shunt can be connected to 4 internal units. DIN rail installation.
323003	Riser shunt This is used to connect the riser BUS and system BUS in order to obtain BUS separation, transfer signals and switch between video and audio channels. The video transfer distance can be increased by setting the gain adjustment dip switch. DIN rail installation.
323004	Entrance panel video mixer This device can mix signals coming from 5 entrance panels. The video transfer distance can be adjusted by setting the gain adjustment dip switch. DIN rail installation.
323005	Power supply System power supply unit able to supply power on the data communication cable and simultaneously provide impedance matching for the audio channel. Protected against short circuits: in case of DC output short circuit, the device will switch to protected mode. Once the problem has been resolved, it will return to normal status automatically. Can also be set up to operate as an auxiliary power supply. Wall mounted installation.
323007	2-way video splitter This device splits the BUS signal into two channels where the video signal can only be transferred from input to output. It provides compensation to the two channels separately and adapts the video signal output from the entrance panel for different distances via settings. Mainly used in riser systems to divide the riser BUS into several channels to adapt the cabling. DIN rail installation.
323008	Basic apartment interface This device must be used in apartments with 2 or 3 internal units. The interface must be installed between the floor shunt (323002) and the internal units. DIN rail installation.

Item	SYSTEM ACCESSORIES
323009	Apartment interface Device used to expand the number of internal units and add a Small entrance panel. Each device can connect 5 internal units and 1 entrance panel, providing the intercom function and call or monitor function of the entrance panel. DIN rail installation.
323010	Auxiliary power supply Auxiliary power supply protected against short circuits: in case of DC output short circuit, the device will switch to protected mode. Once the problem has been resolved, it will return to normal status automatically. Wall mount installation.
323011	D45/IP interface This is an IP interface which can be connected to the D45 SYSTEM and BTicino 2 wire/IP System in order to create mixed installations. DIN rail installation.
323012	IP management switchboard software The integrated IP management software can provide the communication for calls between internal units and the switchboard.
323013	District generator This device is the district hub which can be connected to 4 riser shunts (323003), one entrance panel, one switchboard and one system power supply. It enables a large network to be created. This device controls and changes video channels and provides amplifying compensation for video signals. DIN rail installation.
323015	Door lock accessory This device is used to operate electric door locks, particularly the commonly used 12 V cathode locks. When the opening current of an anode lock is over 1 A, this device is also required to operate anode locks. It is generally connected to the EP to obtain the door lock release control signal. It is also possible to open door locks by means of external manual switches. You can select the type of electric door lock release via the jumper configuration line. DIN rail installation.
323016	House shunt This device can distribute video, audio and data signals from the BUS to the floor shunt (323002) connected to it, so that the signals from the BUS unit can reach the maximum distance of 200 metres, to meet specific domestic requirements. The device should be installed in the low voltage subscriber unit in the house. DIN rail installation.



323012



323013



323016



346858



323023

NEW

Item	SYSTEM ACCESSORIES
323017*	Lift control interface Device for integrating the D45 system with the elevator system. Possibility to manage the elevator directly from the internal unit
323018	EP/Switchboard shunt DIN device used to connect the entrance panel and the switchboard to the system. The device automatically switches over the video channels. DIN rail installation.
323019	System expansion interface Device used to extend the riser system when the number of internal units installed on the riser exceeds the limit of 400. The interface can increase this limit to 800 handsets. This device is also used to adjust the video gains and improve video transmission quality. DIN rail installation.
323020	Configuration tool Configuration kit consisting of: - SF2 configuration software - Tool interface - Serial extension cable - Flat cable
323023	Small entrance panel video mixer Interface for the installation of several small entrance panels for each internal unit or for each apartment. The accessory permits to install 4 small entrance panels. By using more than one accessory in series, it's possible to install more than 4 entrance panels.
346858	D45 to BTicino 2 wire interface This is a switch-over interface that makes it possible to install the BTicino 2 wire door entry system inside the apartment. DIN rail installation.

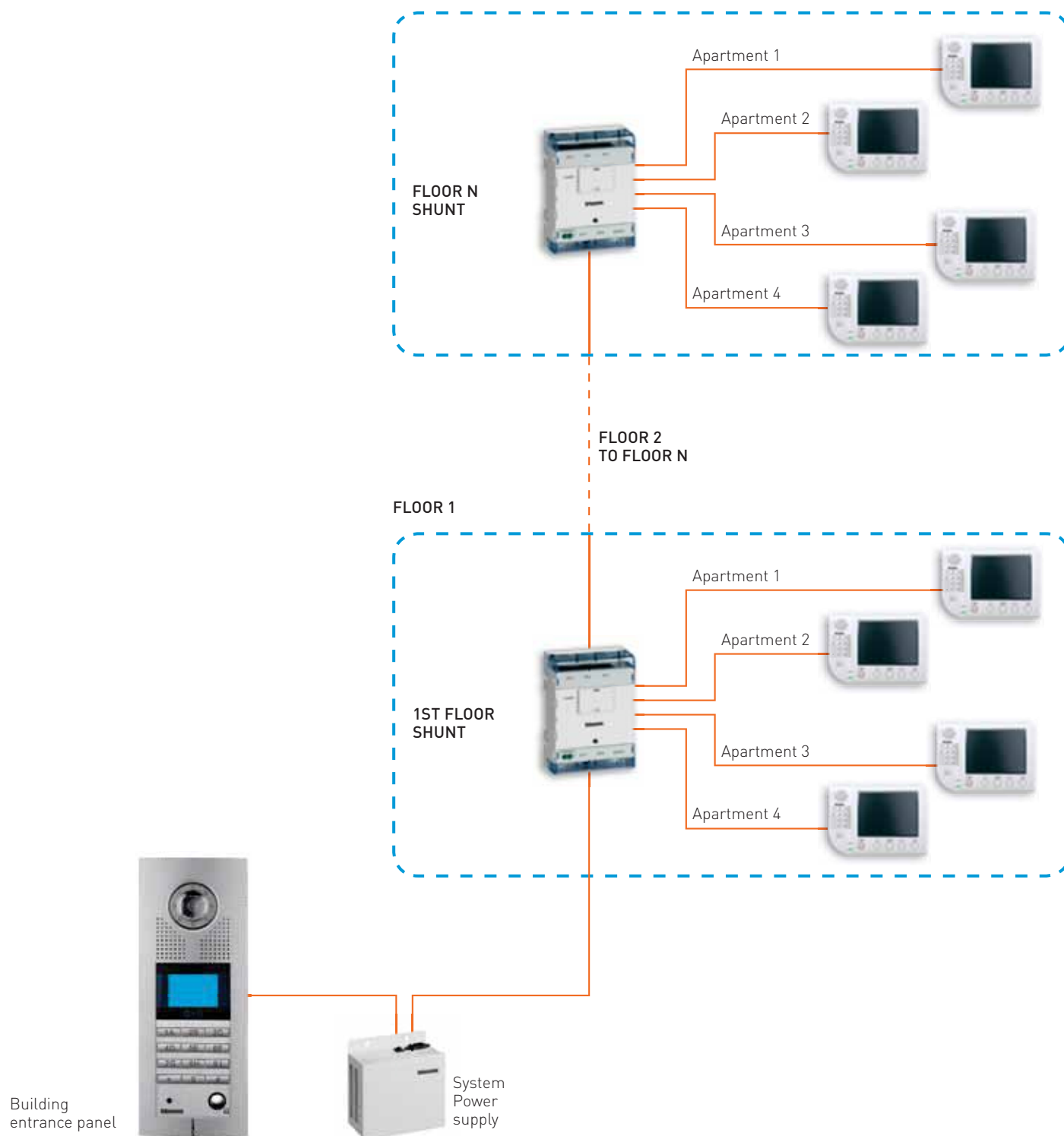
* AVAILABLE SOON

Item	SYSTEM ACCESSORIES
3501K	Configurator kit consisting of: - 10 of each type of configurator (from 0 to 9) - 2 green removable clamp connectors - 1 configurator insertion clamp - 1 plastic screwdriver
3501/0	Configurator 0 (pack of 10)
3501/1	Configurator 1 (pack of 10)
3501/2	Configurator 2 (pack of 10)
3501/3	Configurator 3 (pack of 10)
3501/4	Configurator 4 (pack of 10)
3501/5	Configurator 5 (pack of 10)
3501/6	Configurator 6 (pack of 10)
3501/7	Configurator 7 (pack of 10)
3501/8	Configurator 8 (pack of 10)
3501/9	Configurator 9 (pack of 10)

WIRING DIAGRAM

Example of basic solution for multi-storey buildings

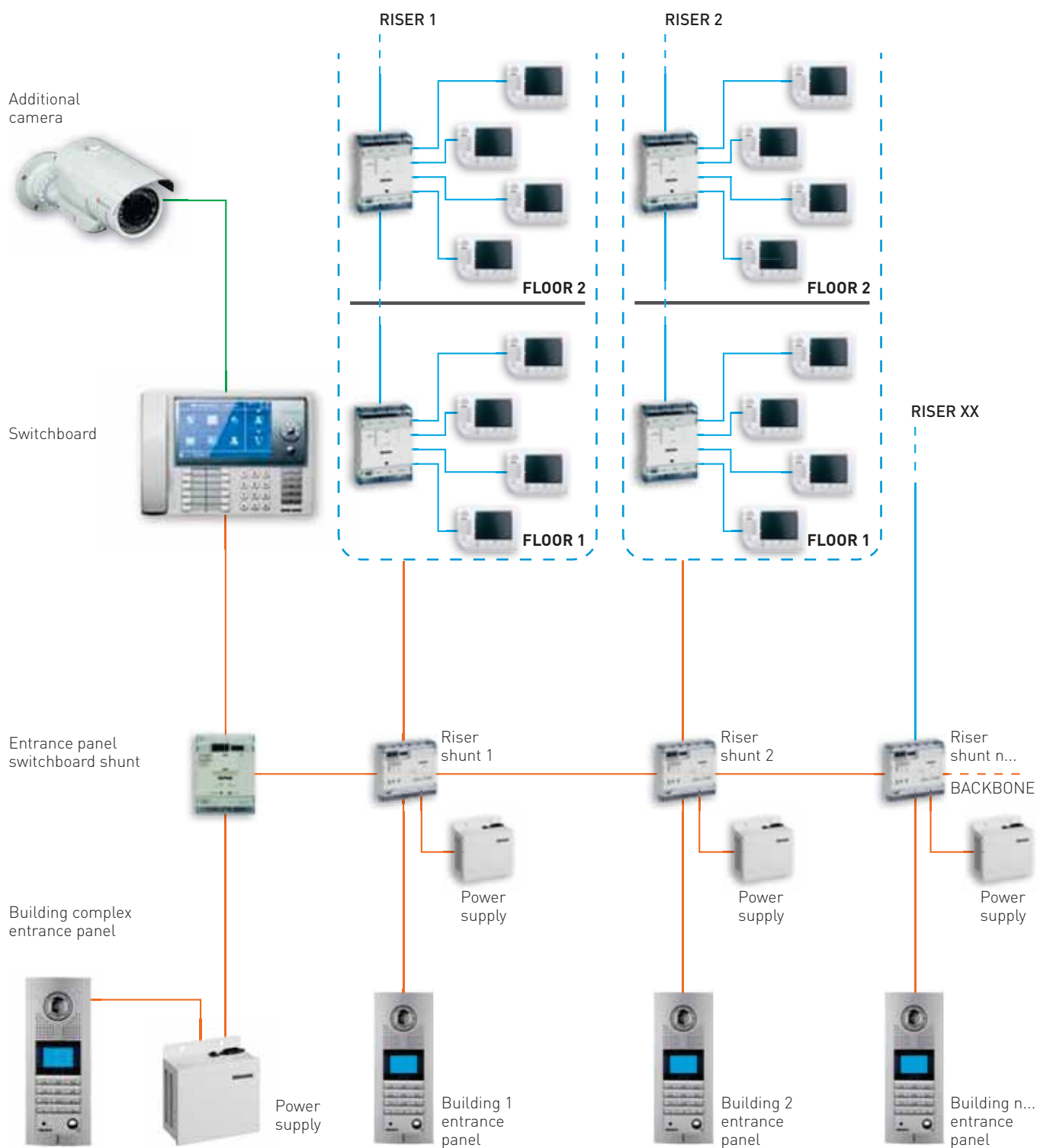
— CAT5 connection



Example of a building complex solution with 1 switchboard

— CAT5 connection

— COAX



SYSTEM TO SYSTEM INTERFACES

The 2 WIRE/2 WIRE IP and D45 systems can be integrated together, for the creation of specific systems, where the potentials of

the individual systems within the main installation must be available. System integration is ensured by the use of specific interfaces as listed below:

D45 TO 2 WIRE SYSTEM INTERFACE (346858)

Suitable for D45 SYSTEM installations where MyHOME home automation system applications are required. It allows to install the 2 wire VDE system inside the apartment.

FROM  D45 SYSTEM INSTALLATION

CAT5



2/



- 2 WIRE SYSTEM INSIDE THE APARTMENT
- MyHOME AUTOMATION APPLICATIONS INSIDE THE APARTMENT

2 WIRE TO IP SYSTEM INTERFACE (346890)

IP and 2 WIRE technologies can be integrated for the realisation of large projects with an high number of devices. Thanks to the dedicated LAN network, IP technology

offers high system performances: long distances, multichannel operation, switchboard software and centralised alarm notification. It allows creation of an IP backbone

with several 2 WIRE risers. This integration provides higher system performance.

FROM  INSTALLATION

2/



2/
RISER

IP BACKBONE



2/
RISER

IP BACKBONE

NOTE: no distance limits

D45 TO IP SYSTEM INTERFACE (323011)

D45 and IP technologies can be integrated for the realisation of very large protects with very long distances and a high number of

devices. This allows the creation of one or more HUBS in order to simplify installation management.

FROM  D45 SYSTEM INSTALLATION

CAT5



HUB SWITCH

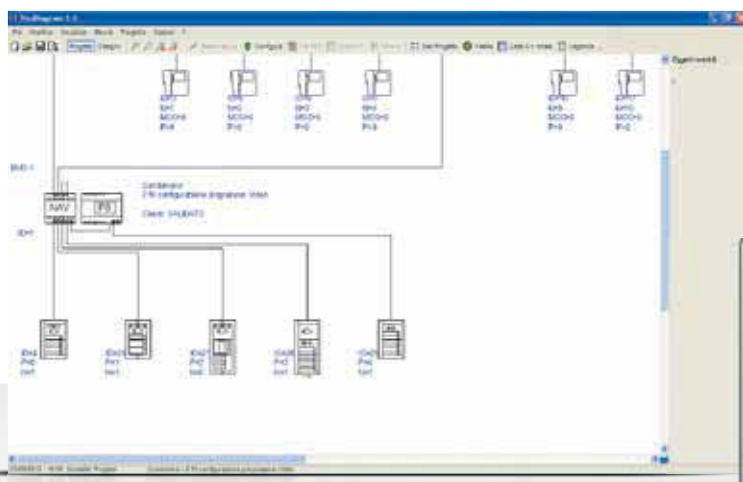
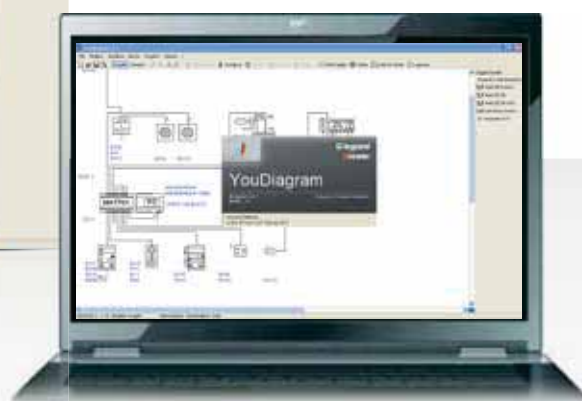
NOTE: no distance limits

Pre-sale software

YouDiagram Software

YouDiagram is the **Legrand** group pre-sale software for the design and configuration of 2 WIRE and D45 VIDEO DOOR ENTRY systems. It is intended for professionals to use at the design and costing stages for the installation, design and selection of the devices, as well as for configuration and validation of the system current absorption.

The YouDiagram software can be free downloaded from the website www.bticino.com

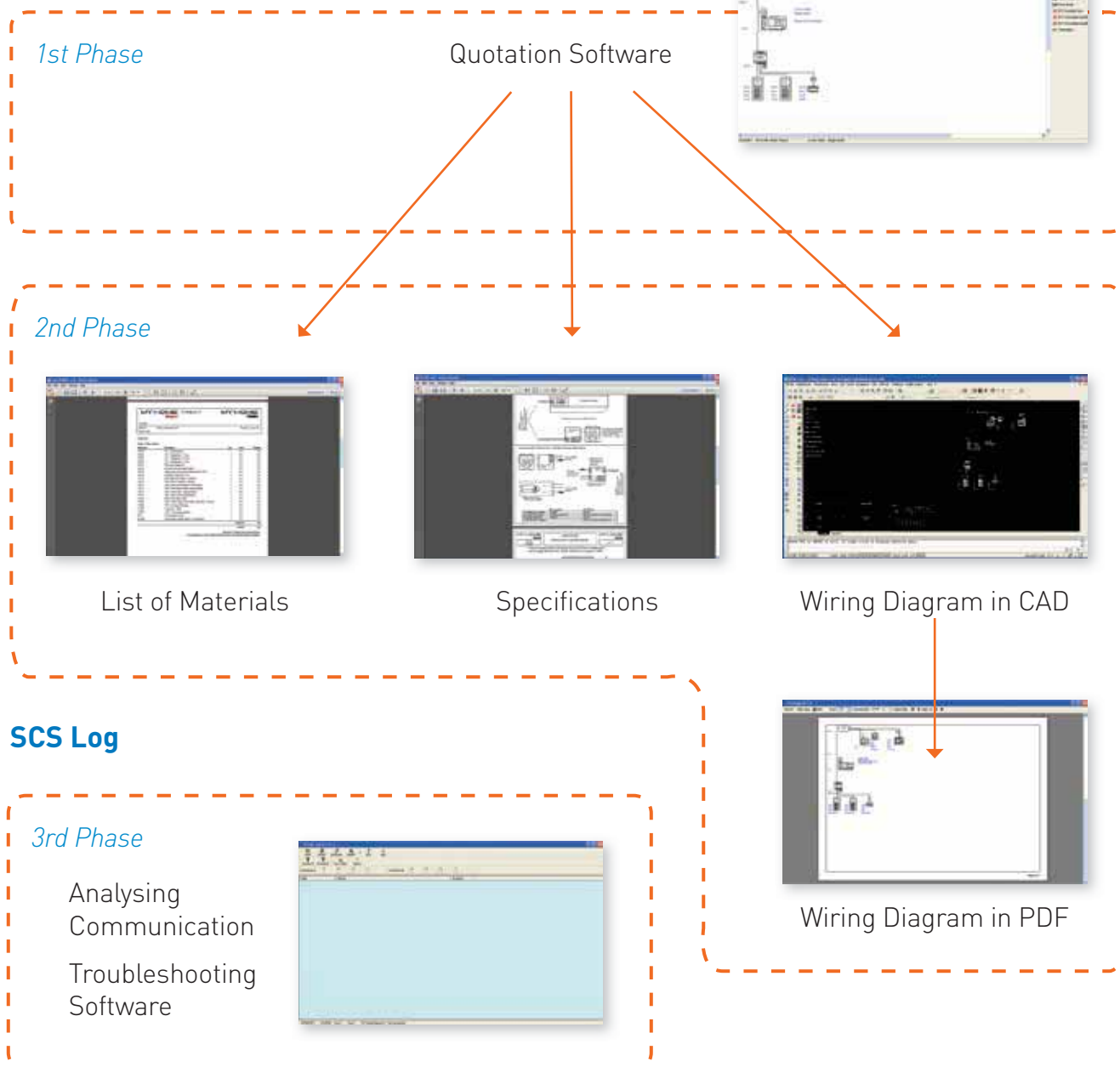


EXAMPLES OF YOUTODIAGRAM SOFTWARE SCREENSHOTS



SOFTWARE & TECHNICAL SUPPORT

YouDiagram Quotation Software



TECHNICAL SUPPORT

For general inquiries contact 1300 369 777

For specific troubleshooting please contact the Door Entry System Technical Support Team through the call centre

HPM Legrand Australia

Building 4 Nexus Industry Park
43-47 Lyn Pde Prestons NSW 2170

1300 369 777

www.bticino.com.au

HPM Legrand New Zealand

106-124 Target Road Glenfield
Auckland 0627 New Zealand

0800 476 009

www.bticino.co.nz