



New
AUDIO-VIDEO
MODULE WITH 5 MP
HIGH-QUALITY
CAMERA
351500



2
WIRES



#ImprovingLives

bticino

A brand of **legrand**

New SFERA audio/video module 351500

CLEARER IMAGES WITHOUT CHANGING YOUR HABITS.

Discover the new BTicino SFERA 2 wires High-Quality Camera (5 MP).

BTicino continues its commitment to renewing and evolving its offer with the new SFERA audio/video module with High Quality camera (item 351500).

Designed for the creation of new 2 wires colour video door entry systems and the refurbishment of existing ones, this new module is an important step forward in terms of innovation and quality.

There are numerous advantages for the professional in using this new camera in systems, without the need to change their installation habits.

Let us see them in detail.

Benefits and Advantages

- **Superior-quality images:** The new 5 Mp High Quality camera ensures sharp and detailed images, even in low light conditions, significantly enhancing the user experience.
- **Simplified management of the warehouse:** The reduction of audio/video module and finishing cover plate product codes translates into more rational and streamlined stock management.
- **Total compatibility:** The module is compatible with existing systems, allowing for a simple upgrade without wiring work.
- **No change in the finishes:** The module is completed with the finishing cover plates already in the catalogue, for total aesthetic integration.

Technical features of the new Camera Module (item 351500)

- 5 Mp High-Quality Camera: Fitted with wide angle lens , digital filters and white LEDs for optimal lighting of the shooting field.
- Digital HQ video transmission: The video signal is transmitted to internal units via PAL encoding on 2 Wires BUS SCS technology.
- Audio adjustments: Adjustable speaker and microphone volume for clear and precise communication.
- Call management: It can manage up to 98 pushbutton calls using the additional double row pushbutton modules.
- Wide angle of vision: Horizontal 119°, vertical 92° and diagonal 151° for complete coverage of the surrounding area.
- Electrical door lock control: Direct activation using clamps S+ and S- (18 V 4 A impulsive - 250 mA holding current 30 Ohm max) and connection of a local door lock release pushbutton on PL clamps.
- Front LEDs: Notification of the operating status: door lock release, active communication, forwarded call, and busy system.
- Integrated optic sensor: Automatic activation of the night backlighting for perfect visibility even at night.
- Configuration flexibility: Physical configuration or using a PC and TiSferaDesign software, which can be downloaded free of charge from the website.

Why choose the SFERA HQ High-Quality camera module

The new module is an important step forward in terms of technological innovation, quality and reliability for professional video door entry systems. Don't miss out on the opportunity to integrate the Sfera High Quality audio/video module into your new projects and offer it to your customers as a system upgrade.

Offer the BTicino quality and innovation.

Below is a quick consultation table for the selection of the new codes and comparison with the current ones.

- COMPARISON TABLE of NEW ITEMS / AND DISMISSED ITEMS.



Comparison table of new items and dismissed items.



CODES OF EXISTING FRONT COVERS

NEW A/V Module.



351500

Allmetal finishing front covers



351301351311351321

Allstreet finishing front covers



351303351313351323

Allwhite finishing front covers



351302351312351322

Robur finishing front covers



351305351315351325



CODES BEING DISCONTINUED

A/V module.



351200

Sfera New - Robur front covers



351201351211351221



351202351212351222



351203351213351223



351205351215351225

Wide angle N/D camera module



352400

Sfera New - Robur front covers



352401352402



352403352405

A/V module. Wide angle camera



351300

Sfera New - Robur front covers
They are used for the new module 351500

New SFERA A/V module with 5 MP High-Quality camera - 351500

SFERA audio/video module with High-Quality camera for the installation of 2 WIRES colour video systems.

Fitted with 5 MP wide angle High-Quality camera with digital filters and white LEDs for the lighting of the shooting field.

The HQ digital video signal is transmitted to internal units via PAL encoding on 2 Wires BUS SCS technology.

Speaker and Microphone volume adjustments. It can manage up to 98 pushbutton calls using the additional double row pushbutton modules.

Horizontal angle of vision (119°), vertical angle of vision (92°). It allows the activation of an electrical door lock directly connected to clamps S+ and S- (18 V 4 A impulsive - 250 mA holding current 30 Ohm max) and the connection of a local door lock release pushbutton on clamps PL.

Preset for additional power supply.

Fitted with front LEDs for the notification of the operating status: door lock release, active communication, forwarded call, and busy system.

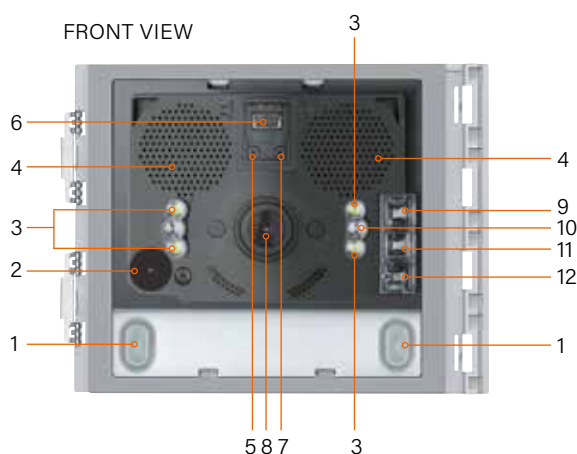
Integrated optic sensor for the switching on of the night backlighting.

To be completed with surround plate.

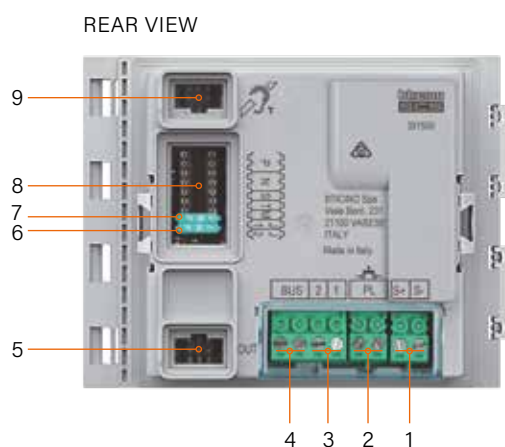
The device must be configured physically or using a PC with the specific software, which can be downloaded free of charge from www.homesystems-legrandgroup.com



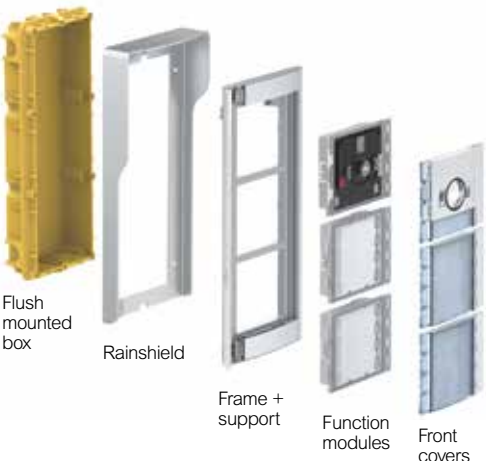
Features and functions



1. Call pushbuttons
2. Microphone
3. White LEDs for night lighting of the shooting field
4. Speaker
5. Speaker volume adjustment
6. Mini-USB connector for programming
7. Microphone volume adjustment
8. 5 MP High-Quality Camera
9. Open door green notification LED
10. Ambient lighting sensor
11. Green LED for active communication indication
12. Green LED for forwarded call
Red LED for busy system



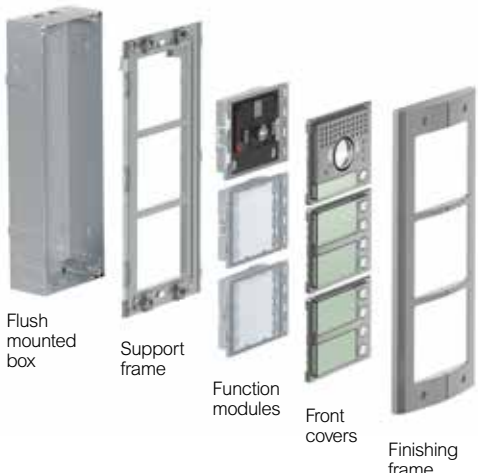
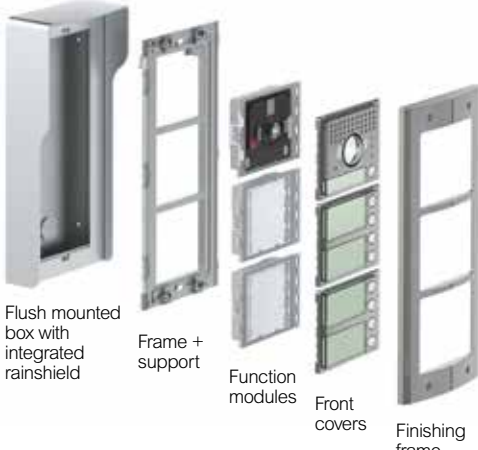
1. Connection and electric door lock control (18V 4A impulsive - 250 mA holding current 30 Ohm max)
2. Connection of the local door lock release pushbutton
3. Local power supply connection
4. 2 wires SCS/BUS connection
5. Connector for the connection to subsequent modules
6. J2 remove to enable additional power supply
7. J1 remove to activate two columns of call pushbuttons
8. Configurator socket
9. Connector for the connection of the inductive loop module

FINISH	TYPE OF INSTALLATION	FLUSH MOUNTED BOXES	RAINSHIELD (OPTIONAL) ^{1, 2}	FRAME ²
CHOOSE THE FINISHING Replace the dots in the item code with 1, 2, or 3 to select the desired finish 1 ALLMETAL  2 ALLWHITE  3 ALLSTREET 	FLUSH MOUNTED INSTALLATION 	 350010 1 module  350020 2 modules  350030 3 modules	 35051... 1 module  35054... 4 modules  35052... 2 modules  35056... 6 modules  35053... 3 modules  35059... 9 modules	 35021... 1 modules  35022... 2 modules  35023... 3 modules
	WALL MOUNTED INSTALLATION 	WALL MOUNTED BOX²  35061... 1 module  35064... 4 modules  35062... 2 modules  35066... 6 modules  35063... 3 modules  35069... 9 modules		

1 : Only for flush mounted installation

2 : To select the desired finishing, see 'CHOOSE THE FINISHING', on the top left

ELECTRONIC MODULES		FRONT COVERS ²					
		Audio front covers					
SPEAKER MODULES	 351000 Basic speaker (only audio systems)	 35100... Basic speaker	 35101... Basic speaker 1 pushbutton	 35102... Basic speaker 2 pushbuttons	 35104... Basic speaker 2 pushbuttons on double row	 35108... Basic speaker 4 pushbuttons on double row	
	 351100 Speaker	 35110... Speaker	 35111... Speaker 1 pushbutton	 35112... Speaker 2 pushbuttons	 35114... Speaker 2 pushbuttons on double row	 35118... Speaker 4 pushbuttons on double row	
PUSHBUTTON MODULES	 352000 4 pushbuttons on single row	 35203... 3 pushbuttons	 35204... 4 pushbuttons	 352011 1 pushbutton	 352021 2 pushbuttons		
	 352100 8 pushbuttons on double row	 35216... 6 pushbuttons on double row	 35218... 8 pushbuttons on double row	 352121 2 pushbuttons on double row	 352141 4 pushbuttons on double row		
AUDIO VIDEO MODULE	 351500 Audio / video with High-Quality camera 5 MP	 35130... Audio / video wide angle	 35131... Audio / video wide angle 1 pushbutton	 35132... Audio / video wide angle 2 pushbuttons on double row	 354000 Cable for connecting multiple pushbutton modules L = 470 millimetres		
		Various front covers					
VARIOUS MODULES	 352200 Nameplate	 35220... Nameplate					
	 352500 Display	 35250... Display					
	 352700 Inductive loop and control speech synthesis	 35270... Inductive loop and control speech synthesis					
	 353200 Key card reader	 35320... Key card reader					
	 353000 Keypad	 35300... Numeric keypad	 353011 Alphanumeric keypad				
		CHOOSE THE FINISHING Replace the dots in the item code with 1, 2, or 3 to select the desired finish.					

FINISH	TYPE OF INSTALLATION	FLUSH MOUNTED BOXES	SUPPORT FRAME	FINISHING FRAME	
(ROBUR) 	FLUSH MOUNTED INSTALLATION 	 350110 1 module	 350315 1 module	 350415 1 module	
		 350120 2 modules	 350325 2 modules	 350425 2 modules	
		 350130 3 modules	 350335 3 modules	 350435 3 modules	
	WALL MOUNTED INSTALLATION 	WALL MOUNTED BOX ²  35061... 1 module			
		 35064... 4 modules			
		 35062... 2 modules			
		 35066... 6 modules			
		 35063... 3 modules			
		 35069... 9 modules			

1 : To select the desired finishing, see SFERA NEW 'CHOOSE THE FINISHING'.

ELECTRONIC MODULES		FRONT COVERS					
		Audio front covers					
SPEAKER MODULES	 351000 Basic speaker (only audio systems)	 351005 Basic speaker	 351015 Basic speaker 1 pushbutton	 351025 Basic speaker 2 pushbuttons	 351045 Basic speaker 2 pushbuttons on double row	 351085 Basic speaker 4 pushbuttons on double row	
	 351100 Speaker	 351105 Speaker	 351115 Speaker 1 pushbutton	 351125 Speaker 2 pushbuttons	 351145 Speaker 2 pushbuttons on double row	 351185 Speaker 4 pushbuttons on double row	
PUSHBUTTON MODULES	 352000 4 pushbuttons on single row	 352035 3 pushbuttons	 352045 4 pushbuttons				
	 352100 8 pushbuttons on double row	 352165 6 pushbuttons on double row	 352185 8 pushbuttons on double row				
AUDIO VIDEO MODULE	 351500 Audio / video with High-Quality camera 5 MP	 351305 Audio / video wide angle	 351315 Audio / video wide angle 1 pushbutton	 351325 Audio / video wide angle 2 pushbuttons on double row	 354000 Cable for connecting multiple pushbutton modules L = 470 millimetres		
	Various front covers						
VARIOUS MODULES	 352200 Nameplate	 352205 Nameplate					
	 352500 Display	 352505 Display					
	 352700 Inductive loop and control speech synthesis	 352705 Inductive loop and control speech synthesis				 352305 blanking module	
	 353200 Key card reader	 353205 Key card reader					
	 353000 Keypad	 353005 Keypad					



351000



351100



351500



352000



352100



352200

Item	Electronic modules
351000	BASIC speaker module for the creation of 2 WIRES audio systems. Fitted with speaker and microphone volume adjustment. It manages up to 100 pushbutton calls using additional double row pushbuttons. It allows the activation of an electrical door lock directly connected to clamps S+ and S- (18 V 4 A impulsive - 250 mA holding current 30 Ohm max) and of connecting a local door lock release pushbutton on clamps PL. To be completed with surround plate. The device must be physically configured.
351100	speaker module for the creation of 2 WIRES audio systems. Fitted with speaker and microphone volume adjustment. It can manage up to 100 pushbutton calls using the additional double row pushbutton modules. It allows the activation of an electrical door lock directly connected to clamps S+ and S- (18 V 4 A impulsive - 250 mA holding current 30 Ohm max) and of connecting a local door lock release pushbutton on clamps PL. Preset for additional power supply. Fitted with front LEDs for the notification of the operating status: door lock release, active communication, forwarded call, and busy system. Integrated optic sensor for the switching on of the night backlighting. To be completed with surround plate. The device can be configured either physically or using the PC and the specific software. - it can be downloaded free of charge from the website www.homesystems-legrandgroup.com
351500	Sfera audio/video module for the creation of 2 WIRES colour video systems. Fitted with 5 MP wide angle High-Quality camera with digital filters and white LEDs for the lighting of the shooting field. The HQ digital video signal is transmitted to internal units via PAL encoding on 2 Wires BUS SCS technology. Speaker and microphone volume adjustments. It can manage up to 98 pushbutton calls using the additional double row pushbutton modules. Horizontal angle of vision (119°), vertical angle of vision (92°). It allows the activation of an electrical door lock directly connected to clamps S+ and S- (18 V 4 A impulsive - 250 mA holding current 30 Ohm max) and the connection of a local door lock release pushbutton on clamps PL. Preset for additional power supply. Fitted with front LEDs for the notification of the operating status: door lock release, active communication, forwarded call, and busy system. Integrated optic sensor for the switching on of the night backlighting. To be completed with surround plate. The device must be configured physically or using a PC with the specific software, which can be downloaded free of charge from www.homesystems-legrandgroup.com

Item	Electronic modules
352000	additional 4-pushbutton modules arranged on single column. To be used with speaker modules 351000 - 351100 and with video module 351500. Connection using the appropriate multicable supplied. Backlighting of nameplates controlled by the speaker module or the audio/video module connected. To be completed with surround plate.
352100	additional 8-pushbutton modules arranged on double column. To be used with speaker modules 351000 - 351100 and with audio video module 351500. Connection using the appropriate multicable supplied. Backlighting of nameplates controlled by the speaker module or the audio/video module connected. To be completed with surround plate.
352200	nameplate module normally used for displaying the house number or other notifications (e.g. legend for calls using digital pushbutton panels, opening/closing times, etc.). Connection using the appropriate multicable supplied. Night backlighting controlled by the speaker module or the audio/video module connected. To be completed with surround plate.

SFERA

Sfera pushbutton panels - electronic modules



Item	Electronic modules
352500	graphic display module to be used with speaker module 351100 or with audio/video module 351500 (connection using the multicable supplied). It can operate in two modes: call from address book or digital call. The call from the address book gives the possibility of sending the call by scrolling on the display the names associated to the residents. It is possible to store up to 4000 residents names. Using the keypad module item 353000 it is also possible to directly call the apartment by entering the number corresponding to the resident. The digital call is also performed using the keypad module item 353000 by entering the numerical code. It is recommended that one or more nameplate modules, item 352200, are installed at the side of the pushbutton panel to display the correspondence between the numerical codes and the names of the users. It is possible to program the names in the address book in two different ways: manual inclusion using the pushbuttons of the display module or inclusion using a PC with the specific software, which can be downloaded free of charge from www.homesystems-legrandgroup.com , by downloading the file to the display module (RECOMMENDED). System power supply cuts DO NOT cause the loss of memory data. To be completed with finishing front cover.
352700	module for inductive loop and control speech synthesis to be used with speaker module 351100 or with audio video module 351500. It allows use by hearing (equipped with T-selector) or visually impaired individuals, thanks to the synthesis of voice messages on the connection status (call in progress, end of call, no answer, busy, door open). It is connected to the speaker module using the appropriate multicable supplied. To be completed with surround plate. The device can be configured either physically or using the PC and the specific software. - it can be downloaded free of charge from the website www.homesystems-legrandgroup.com

Item	Electronic modules
353000	Keypad module for door lock release or for digital call to the apartment (in combination with display module). It's fitted with relay contacts (C – NO - NC) and clamps (CP - P1 - P2) for the connection of a local door release pushbutton. The numerical code for the opening of the door lock can be programmed using the keypad itself, or using a PC after downloading the module programming file. It also has a programming reset pushbutton and LEDS for the visual notification of the access status. Night backlighting with LEDs. To be completed with surround plate. It is connected to the other modules using the appropriate multicable supplied. The device may also be used as a stand alone unit with independent power supply and operation, only for door lock release. Configuration performed using physical configurators, or a PC with the specific software, which can be downloaded free of charge from www.homesystems-legrandgroup.com
353200	RFID key card reader module for the release of the door lock by swiping the key card. It manages up to 20000 key cards. It's fitted with relay contacts (C – NO - NC) and clamps (CP - P1 - P2) for the connection of a local door release pushbutton. The key card for the release of the door lock can be programmed from the module itself, or using a PC after downloading the module programming file. It also has a programming reset pushbutton and LEDS for the visual notification of the access status. Night backlighting with LEDs. To be completed with surround plate. It is connected to the other modules using the appropriate multicable supplied. The device may also be used as a stand alone unit with independent power supply and operation. Configuration performed using physical configurators, or a PC with the specific software, which can be downloaded free of charge from www.homesystems-legrandgroup.com
346993	The key expansion module gives the possibility of connecting the call key to the SFERA speaker modules (items 351000; 351100; 351500). Each module can manage up to 8 call keys It is possible to connect several key expansion modules (max 96 call keys for each entrance panel)
348200	door lock release keycard - black
348201	door lock release keycard - red
348202	door lock release keycard - green
348203	door lock release keycard - blue
348204	door lock release keycard - orange
348205	door lock release keycard - grey
348206	door lock release keycard - yellow
3547	door lock release customisable keycard (ISO 50 x 80 mm)
348402	tabletop key card programmer

BTicino SpA
Viale Borri, 231
21100 Varese - Italy
www.bticino.com

Version 09/2024