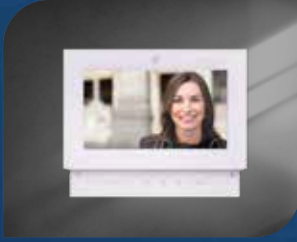




DUO

S Y S T E M



FARFISA

INTERCOMS SINCE 1967



The logo features the word "DUO" in a large, bold, white sans-serif font. The letter "O" is stylized with two small white circles inside. Below "DUO", the word "SYSTEM" is written in a smaller, white, spaced-out sans-serif font. The entire logo is centered on a dark blue background. Two thin white arcs cross each other behind the logo, forming a vertical figure-eight shape that passes through the center of the "DUO" text.

DUO
S Y S T E M

Two wire Catalogue



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communication online**



Our History

Nearly 60 years of experience and responsibility to invent the future and work every day, alongside new customers and historical partners. Farfisa: a mature brand, a **Superior Quality Artisan Industry** devoted to "Totally Made in Italy". **A strong, decisive, partner at every level.**



Technology Products Services

Farfisa means **cutting edge quality technology, products and solutions, aligned with the Video entry door sector** to meet the trends of contemporary use. A "product-service" system that offers design, comfort and **"tailor made"** systems for important installations and large building complexes. Beauty, performance, reliability: the **real Made in Italy** in the world.





Global Markets

Our production and R&D is concentrated in our factory, supported by local suppliers. **Our product has a presence in over 60 countries worldwide. We have a Technical Assistance Office, Marketing, and Customer Service teams** ready and trained to interact with the culture and functional needs of each country in which we operate.

#strongertogether

Farfisa is committed to being a dedicated partner, offering personalised support through meetings, webinars, and direct training sessions. As an advanced partner, we provide a range of digital tools accessible on farfisa.com including: technical data sheets, manuals, installation diagrams, tutorials and video technical interviews, brochures and catalogues. **Knowing, making and winning together.**



Sustainability

For years, Farfisa has been committed to balancing economic aspects with social and environmental ones creating internal and external well-being. For us, sustainability means working in a company that **respects the environment**, but is also watchful to **safety at work and workers' rights**, and which focuses on **developing products truly useful to the community**.

Max energy
self-produced per year
→ **121.034 kWh**



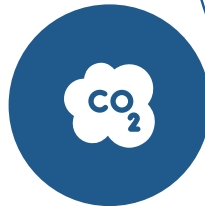
Energy produced
since 2011
→ **1.381.793,60 kWh**
annual value produced
→ **110.987 kWh**



CO₂
footprint

CO₂

CO₂ emissions avoided
since 2011
→ **733.732,40 kg**
annual value
→ **58.934 kg**



Equivalent trees
since 2011
→ **95.385,00**
annual value
→ **7.661**



Liters of oil avoided
since 2011
→ **301.151,95 l**
annual value
→ **24.189 l**





Products durability

Our products are made to last over time: all development phases, the design, the research of specific components and materials, the assembly and the final testing with simulation of field use, ensure **longevity at the highest levels of the category.**


Accessibility

All Farfisa products are conceived primarily as **solutions at the service of each user**, designing concrete, simple, safe and functional shapes, materials, ergonomics and inclusive systems for every age, culture and context of use.



Packaging

70% of our products are "**EPS-free**" (without polystyrene) and we are always looking for increasingly optimized and sustainable packaging solutions.



We try to print as little as possible, but where necessary, we prefer printing on **FSC paper**, for the responsible management of forests.



10

YEARS OF SPARE PARTS AVAILABILITY

Spare parts availability

We ensure the availability of spare parts for at least 10 years, in order to allow for any repairs.

Welcome to

DUO
S Y S T E M

*Exponential
Communication*



Duo System is a “pure 2 wire” system, in which all system elements can be powered directly from the Bus, as well as programmed via Bluetooth, as to optimize installation and reduce the fitting time.

The system provides great flexibility, allowing the connection of up to 20,000 users and up to 1,000 door panels, the possibility of having one or more doorkeeper exchangers and

allows to answer from smartphone to video intercom, if not used as a trademark calls both via gateway interface for multi-apartments and via single connected videointercom.

Duo System, exponential communication.

functional plus



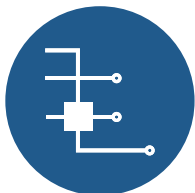
Up to 20.000 users



Extremely easy installation = saves time and money



Performance optimised for telephony

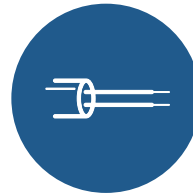


Constantly evolving product range to satisfy any need

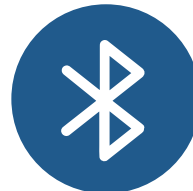
technological plus



Gateway IP



self-powered door panels: pure two wires



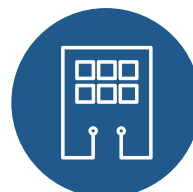
Bluetooth for access control and management and setup of the system



doorkeeper exchanger



possibility of smart integration with video surveillance systems



smart cabling for home automation

Overview



door panels



ALBA



SOLVO



HERO



ALORA



Profilo



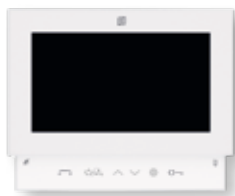
MATRIX



gateway

doorkeeper
exchanger

internal stations



SE7E



ASTRO



ZHERO

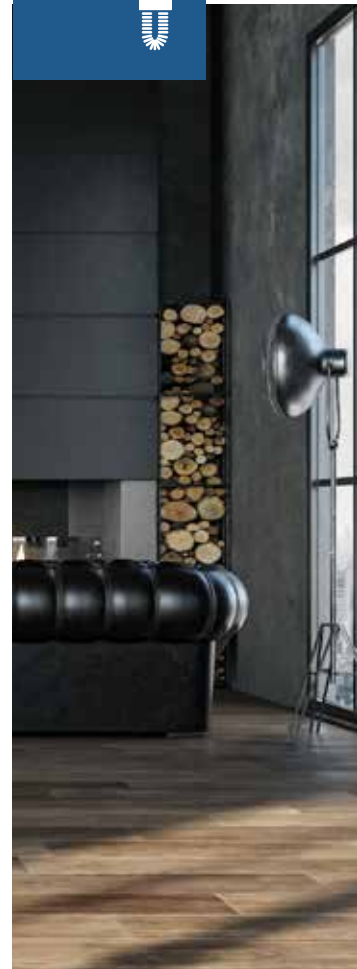
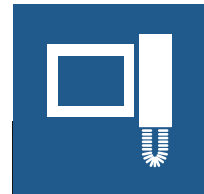


Exhito

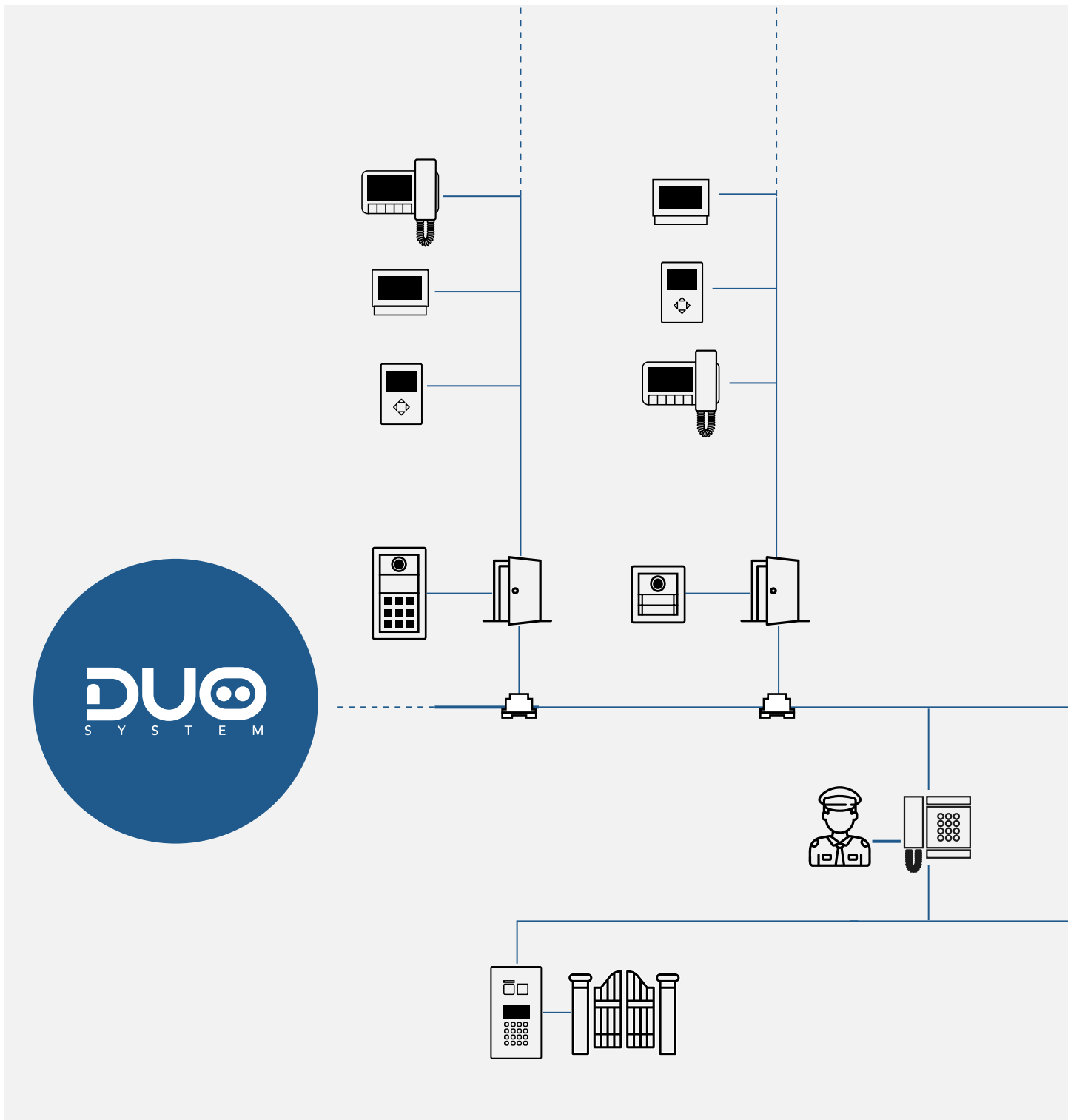


videokits

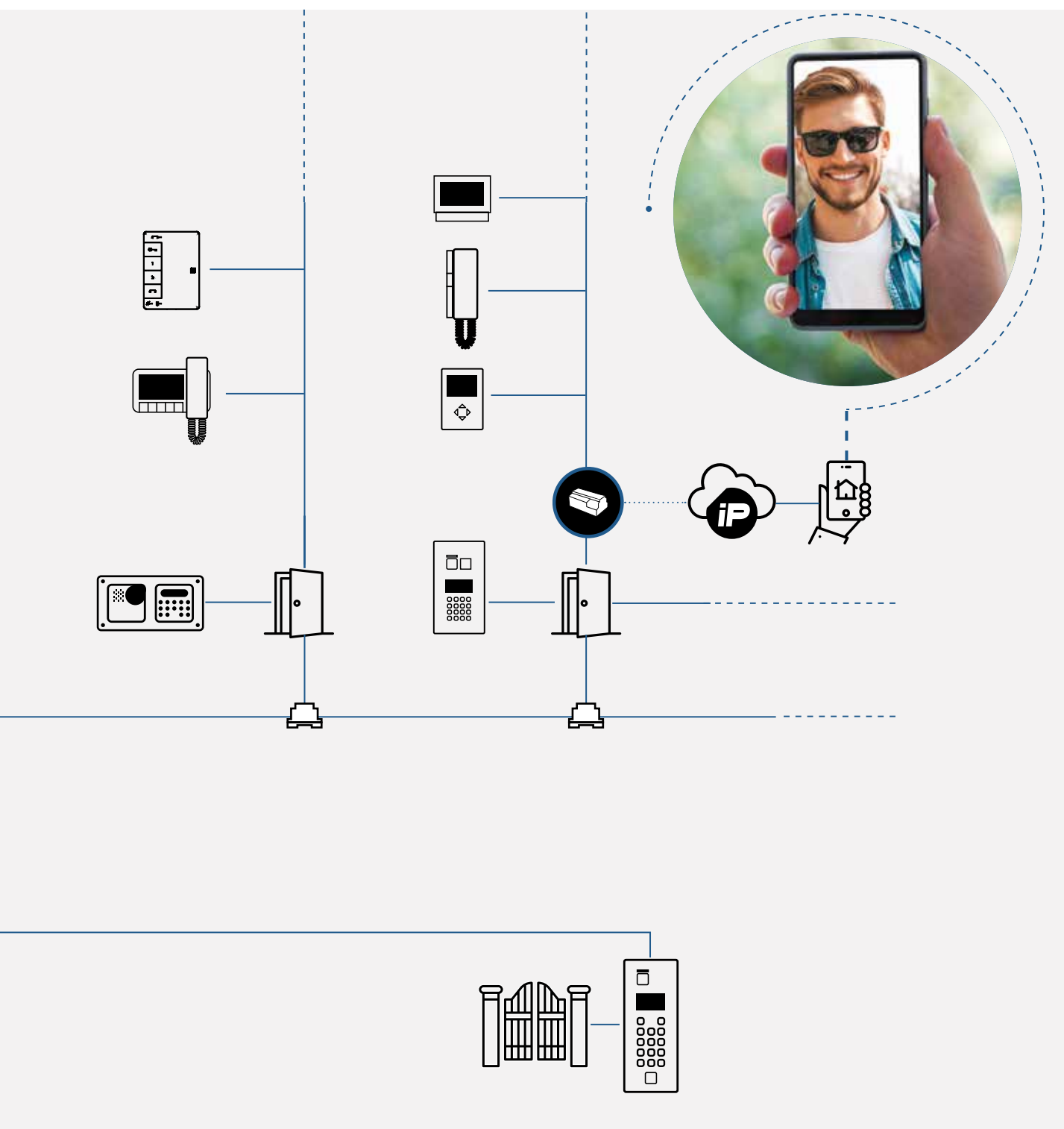
KIT



Exponential communication



up to **20.000 users**
up to **1.000 door panels**
video call to **smartphone**



ALBA / elegance/modularity/flexibility





→ **door
panels**



SOLVO / robustness / configurability



HERO /robustness / accessibility /technology





MATRIX / antivandal / modularity / elegance





ALBA

- Modularity and elegance
- Accessibility (voice prompt, wide angle lens, Braille-embossed keys, light signals, compatible with coil for the impaired people)
- Possibilities of multiple configuration
- Conventional or digital call
- Double call on a single button
- Anodized aluminum plate, brushed finish
- IP55 protection degree
- Programming also via Bluetooth





audio and video modules



CV2144AB

Audio-video module. Featured with: multi-language voice prompt, door speaker, colour camera with wide angle 2.3 mm lens. Up to 4 call buttons. Powered by the Bus.

Dim: mm 99 x 91 x 37.



CA2144AB

Audio module. Featured with: multi-language voice prompt, door speaker. Up to 4 call buttons. Powered by the Bus. *Dim: mm 99 x 91 x 37.*



CT2138AB

Button module up to 8 additional call buttons, for combination with CA2144AB or CV2144AB. Auto programming allowed.

Dim: mm 99 x 91 x 37.



XE2921

Alba Bus expansion board, allows integration of Bluetooth technology in the door panel, for the functions: clock and program (app "Duo System").

XE2922

As art. XE2921, with the integration of function **access control**, through smartphone (app "Smart Access").

digital keypad



PD2100AB

Digital **keypad module**, backlit. It allows the internal call through the coding of the corresponding number and door opening through reserved code. Could be used as a single product for access control or combined with DD2140AB, to CA2144AB or to CV2144AB. If combined with CA2144AB or CV2144AB, it allows to activate remote actuators. If combined with XE2922, the system clock is used for timed functions. Programming manually or via Bluetooth. It can manage up to 1000 codes, equipped with 2 internal relays.

Dim: mm 99 x 91 x 37.

display module



DD2140AB

3.5" graphic LCD display module. Electronic index is integrated allowing to scroll and select the single user. It can be combined with PD2100AB keypad, CA2144AB audio module or CV2144AB audio-video module.

Dim: mm 99 x 91 x 37.

other modules



AB00

Blank module to be used to complete the panel composition.

Dim: mm 99 x 91 x 9.



AB50

Street number module.

Dim: mm 99 x 91 x 9.



FP51SAB

Proximity reader module with RFID and Bluetooth technology. It allows to manage access through cards/tags and via smartphone provided with dedicated app "Smart Access".

Dim: mm 99 x 91 x 9.

accessories



AB20 - Single button aluminium blank module. To be mounted on CA2144AB, CV2144AB or CT2138AB. Dim: mm 90 x 22



AB21 - Single or double call button. To be mounted on CA2144AB, CV2144AB or CT2138AB. Braille is embossed to make it recognizable to visually impaired users. Backlit with white led. Dim: mm 90 x 22



FP11/10 - Set containing 10 cards in white plastic for proximity reader. ISO standard format.



FP12/10 - Set composed by 10 transponder units for activation of proximity readers. Together with the actual transponder, which is circular shaped joint to an useful metal key-holder with closing. Material is plastic in blue and white colour.

installation elements



AB61 - Front frame for 1 module, in anodised aluminium. Dim: mm 124x124x9



AB62 - Front frame for 2 modules, in anodised aluminium. Dim: mm 124x215,5x9



AB63 - Front frame for 3 modules, in anodised aluminium. Dim: mm 124x307x9



AB71 - Module frame for 1 module in die-cast aluminium. To be mounted with AB61; in case of flush mount, SC1 is also required. Dim: mm 119x119x36



AB72 - Module frame for 2 modules in die-cast aluminium. To be mounted with AB62; in case of flush mount, SC2 is also required. Dim: mm 119x210x36



AB73 - Module frame for 3 modules in die-cast aluminium. To be mounted with AB63; in case of flush mount, SC3 is also required. Dim: mm 119x302x36



AB81S - Box for the installation of 1 module of Alba range with surface mounting. In painted metal. Dim: mm 125x125x30.



AB82S - Box for the installation of 2 modules of Alba range with surface mounting. In painted metal. Dim: mm 125x216,5x30.



AB83S - Box for the installation of 3 modules of Alba range with surface mounting. In painted metal. Dim: mm 125x308x30.



AB91 - Rain shelter in aluminium for surface mounting, **1 module.** Dim: mm 140x137x62



AB92 - Rain shelter in aluminium for surface mounting, **2 modules.** Dim: mm 140x229x62



AB93 - Rain shelter in aluminium for surface mounting, **3 modules.** Dim: mm 140x320x62



AB94 - Rain shelter in aluminium for surface mounting, **4 modules** (2 double joined). Dim: mm 264x229x62



AB96 - Rain shelter in aluminium for surface mounting, **6 modules** (2 triple joined). Dim: mm 264x320x62



SC1 - Back box for 1 module. Dim: mm 122x119x45



SC2 - Back box for 2 modules. Dim: mm 122x210x45

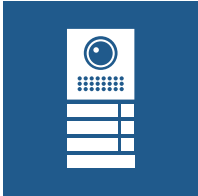


SC3 - Back box for 3 modules. Dim: mm 122x302x45



EC733 - Alba optional connecting cable. It can be used to connect the bottom Alba module of a row to the top Alba module of the next row, in case the rows feature 3 x module. In this scenario, its use is mandatory only if it's strictly requested to have an increasing numbering scheme from the top to the bottom of each row of buttons. To be used only in case you want to keep an address of the keys rising from the top to the bottom of the push button.

Also available art. MD81, MD82, MD83: decorative visors for flush mounting for 1, 2 and 3 modules.



- Accessibility (voice prompt, embossed keys in Braille, backlit, integrated inductive coil for hearing impaired, wide angle lens)
- Max robustness (316L stainless steel and Torx security screws)
- Programming via Bluetooth



TD2000HE

Video door entry panel with digital call, a single complete and flexible element.

Hero is designed for Duo video systems **powered by Bus**, it is ready for integration of a proximity reader. It can manage up to 500 users and their passwords.

Made of marine-grade L stainless steel, with 14 buttons, Hero is secured

by **6 security torx screws** and is installed with **flush mounting** with 61 mm deep box of which Hero is already stocked. **2 independent outputs**: 1 for electric lock and 1 with relay for automatic gate or other lock.

Programming can be done via Bluetooth, with the Duo app for iOS and Android or through integrated digital keyboard.

Dim: mm 205 x 500 x 61.



XE2921

Hero Bus expansion board, allows integration of Bluetooth technology in the door panel, for the functions: clock and programm (app "Duo System").

XE2922

As art. XE2921, with the integration of function **access control**, through smartphone (app "Smart Access").

accessories

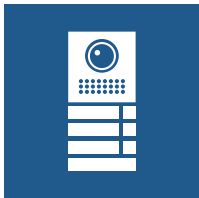
FP2000 - Proximity reader module, **complete** with accessories for the mounting in TD2000HE door panel. It allows the access control of up to 400 users with related cards/tags (FP11/10 or FP12/10). Provided with a built-in relay (programmable as monostable/bistable), and contacts capacity of 24 Vac / 2A.. Power can be made through PRS210.

FP11/10 - Set containing 10 cards in white plastic for proximity reader. ISO standard format.

FP12/10 - Set composed by 10 transponder units for activation of proximity readers. Together with the actual transponder, which is circular shaped joint to an useful metal key-holder with closing. Material is plastic in blue and white colour.







SOLVO

- Security: steel plate and Torx screws
- Flexibility
- Versatility: a compact module for medium/large systems
- 16 keys, 4 icons for system status, alphanumeric LCD
- Compatible for coil for hearing impaired

Door panels



TD2000

Digital video intercom door panel. 3 white LED for camera. It allows the audio-video call on digital Duo bus.
Dim: mm 170x 306 x 61.



TD2000A

Digital intercom door panel. It allows the audio call on digital Duo bus.
Dim: mm 170 x 306 x 61.



TD2000RL

Digital video intercom door panel. 3 white LED for camera. Ready for the integration of **proximity reader** FP2000 module and mechanically compatible with Vigik system.
Dim: mm 170 x 371 x 61.



TD2000RAL

Digital intercom door panel. Ready for the integration of **proximity reader** FP2000 module and mechanically compatible with Vigik system.
Dim: mm 170 x 371 x 61.

accessories

FP2000 - Proximity reader module complete with accessories for the mounting in TD2000RL and TD2000RAL door panels. It allows the access control of up to 400 users with related cards/tags (FP11/10 or FP12/10). Provided with a built-in relay (programmable as monostable/bistable), and contacts capacity of 24 Vac / 2A. Power can be made through PRS210.

FP11/10 - Set containing 10 cards in white plastic for proximity reader. ISO standard format.



FP12/10 - Set composed by 10 transponder units for activation of proximity readers. Together with the actual transponder, which is circular shaped joint to an useful metal key-holder with closing. Material is plastic in blue and white colour.



TL2000 - Accessory coil antenna for Solvo door panel to be inserted into Solvo door station. It allows the compatibility with Solvo door panel and the hearing aid for hearing impaired users.

installation elements

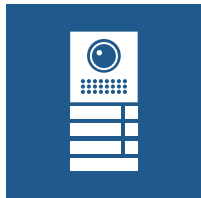


2905/0 - Rain shelter in stainless steel for surface mounting of **TD2000** and **TD2000A**. It allows the installation where the built-in is not required, it allows to guarantee the necessary solidity and mounting easiness.
Dim: mm 174 x 310 x 75.



290C/0 - Rain shelter in stainless steel for surface mounting of **TD2000RL** and **TD2000RAL**. It allows the installation where the built-in is not required, it allows to guarantee the necessary solidity and mounting easiness. Dim. mm. 174 x 376 x 83.





Profilo

- Modularity
- Possibilities of multiple configuration
- Conventional or digital call
- Double call on a single button
- Compact dimensions
- Aluminium plate, steel buttons



audio and video modules



VD2120CPL

Colour audio-video module without call buttons. Camera is +/-10° adjustable in horizontal and vertical with fixed 3.6 mm lens. To be installed joint with CD213...PL module with conventional buttons or with digital TD2100PL module.

Dim: mm 99 x 110 x 17



AD2120CPL

Audio module without call buttons. To be installed joint with CD213...PL module with conventional buttons or with digital TD2100PL module.

Dim: mm 99 x 110 x 17

digital keypad



TD2100PL

Digital keypad with aluminium front plate and 14 steel buttons. Equipped with LCD graphic display back-lit in green colour and "button 5" raised for easy recognition by for those visually impaired. It allows the call to the user by dialling the corresponding number and electric lock release by entering the private code. The electronic index is also integrated, which gives the possibility to scroll the names in alphabetical order and select the desired one. This integration allows to further reduce space compared to the corresponding modular compositions. To be joint to VD2120CPL or AD2120CPL module. It can store up to 250 user names.

Dim: mm 99 x 110 x 17

door panels with conventional button

To be used with video module VD2120CPL or audio AD2120CPL.



CD2131PL
Encoder with **1 button** for conventional external station, it can code up to 128 users. Dim: mm 99 x 110 x 17



CD2132PL
Encoder with **2 buttons** for conventional external station, it can code up to 128 users. Dim: mm 99 x 110 x 17



CD2134PL
Encoder with **4 buttons** for conventional external station, it can code up to 128 users. Dim: mm 99 x 110 x 17



CD2138PL
Encoder with **8 buttons** on 2 rows for conventional external station, it can code up to 128 users. Dim: mm 99 x 110 x 17



PL24S
Additional buttons module with **4 buttons** installations. Dim: mm 99 x 110 x 17



PL228S
Additional buttons module with **8 buttons** on 2 rows installations. Dim: mm 99 x 110 x 17



PL50
Street number module. Dim: mm 99 x 110 x 17



PL20
Blank module to be used to complete the assembly. Dim: mm 99 x 110 x 17

installation elements



PL71 - Back box with frame for **1 module** - Dim: mm 91 x 133 x 47



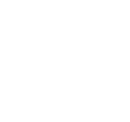
PL72 - Back box with frame for **2 modules**. Dim: mm 91x244.5x47



PL73 - Back box with frame for **3 modules**. Dim: mm 91x356x47



PL81 - Hood cover for 1 module in aluminium. To be mounted together with the corresponding PL7... module. Dim: mm 118x153x41



PL82 - Hood cover for 2 modules in aluminium. To be mounted together with the corresponding PL7... module. Dim: mm 118x264x41



PL83 - Hood cover for 3 modules in aluminium. To be mounted together with the corresponding PL7... module. Dim: mm 118x376x41



PL84 - Hood cover for 4 modules on 2 vertical rows in aluminium. To be mounted together with the corresponding PL7... module. Dim: mm 217x264x41



PL86 - Hood cover for 6 modules on 2 vertical rows in aluminium. To be mounted together with the corresponding PL7... module. Dim: mm 217x376x41



PL89 - Hood cover for 9 modules on 3 vertical rows in aluminium. To be mounted together with the corresponding PL7... module. Dim: mm 316x376x41



PL91 - Rain shelter for 1 module. Dim: mm 118x154x80



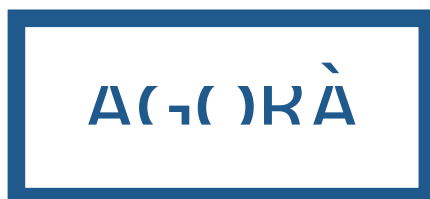
PL92 - Rain shelter for 2 modules. Dim: mm 118x264x80

PL93 - Rain shelter for 3 modules. Dim: mm 118x376x80 -

PL94 - Rain shelter for 4 modules on 2 vertical rows. Dim: mm 217x264x80

PL96 - Rain shelter for 6 modules on 2 vertical rows. Dim: mm 217x376x80

PL99 - Rain shelter for 9 modules on 3 vertical rows. Dim: mm 316x376x80



- *Easy mounting*
- *Conventional call*
- *Reduced dimensions*





door panels



VD2121CAGL

Module composed by surface mounting box, front plate with frame, cover, door speaker, adjustable **colour camera** with 3.6 mm pin-hole fixed lens and **1 call button**, second button can be added. *Dim: mm 99x208x30*



AD2121CAGL

Module composed by surface mounting box, front plate with frame, cover, door speaker and **1 call button**, second button can be added. *Dim: mm 99x208x30*



AGL100TS

Additional module composed by surface mounting box, front plate with frame for combination with VD2121CAGL or AD2121CAGL to add up to **8 additional buttons**, complete with encoding buttons. Nearby photo with push buttons configuration at maximum extension. *Dim: mm 99x208x30*



VD2101AGL

Composed by surface mounting box, front plate with frame, cover, door speaker, adjustable **colour camera** with 3.6 mm pin-hole fixed lens and 1 call button, second button can be added. Max 2 calls, no possibility of expansion. Powered by the Bus, that allows to simplify the wiring. *Dim: mm 99x208x30*



AD2101AGL

Composed by surface mounting box, front plate with frame, cover, door speaker and **1 call button**, second button can be added, no possibility of expansion. Powered by the Bus, that allows to simplify the wiring. *Dim: mm 99x208x30*

accessories



AGL20 - Blank module



AGL21 - Single call button module with name - holder

installation elements

WA12AG - Wall adaptor with anodized aluminium **rain shelter** that allows the replacement of an existing built-in Mody door panel (**2 modules**) with a surface Agorà module. It is supplied with holes conceived to cover the previous mountings with MD71 or MD7. *Dim: mm 146 x 254 x 40*



WA01AG - Wall adaptor in anodized aluminium that allows the replacement of an existing built-in Mody door panel (**2 modules**) with a surface Agorà module. It is supplied with holes conceived to cover the previous mountings with MD71 or MD72. *Dim: mm 130 x 239*



- Antivandal (protection degree IP45 and resistance degree IK09)
- Elegance and modularity
- Conventional or digital call
- Plate made in stainless steel AISI 316L
- Inviolability ("snake eyes" screws)

audio and video modules



VD2120CMAS

Colour audio-video module without call buttons. Camera is +/-10% horizontal and vertical adjustable, with 3.6 fixed lens. To be installed together with CD..MAS modules with buttons or with TD2100MAS digital keypad module.

Dim: mm 115 x 115 x 55



AD2110MAS

Audio module without call buttons. To be installed together with CD..MAS modules with buttons or with TD2100MAS digital keypad module

Dim: mm 115 x 115 x 55

digital keypad



TD2100MAS

Digital keypad with stainless steel front plate and 14 buttons. Equipped with 16-digit display on 2 lines. It allows the call by dialling the corresponding number and electric lock release by entering the private code. The electronic index is also integrated, which gives the possibility to scroll the names in alphabetical order and select the desired one. This integration allows to further reduce space compared to other compositions. To be joint to VD2120MAS or AD2110MAS. It can store up to 250 user names.

Dim: mm 115 x 115 x 55





**door panels
with conventional button**

To be used in composition with
VD2120CMAS or AD2110MAS.



CD2131MAS
Encoder with **1 button** for conventional door panel, it can code up to 128 users.
Dim: mm 115 x 115 x 55



CD2132MAS
Encoder with **2 buttons** for conventional door panel, it can code up to 128 users.
Dim: mm 115 x 115 x 55



CD2134MAS
Encoder with **4 buttons** for conventional door panel, it can code up to 128 users.
Dim: mm 115 x 115 x 55



MAS24S
Additional button module with **4 buttons** with button encoding integrated for conventional external station.
Dim: mm 115 x 115 x 55



MAS20
Blank module to be used to complete the assembly.
Dim: mm 115 x 115 x 55

installation elements



MAS61 - Front frame matt titanium grey colour for **1 module**. Provided with "snake eyes" security screws type.
Dim: mm 140x140x14

MAS62 - Front frame matt titanium grey colour for **2 modules**. Provided with "snake eyes" security screws type.
Dim: mm 140x257x14

MAS63 - Front frame matt titanium grey colour for **3 modules**. Provided with "snake eyes" security screws type.
Dim: mm 140x374x14



MA71 - Back box for 1 modul.
Dim: mm 128x128x65

MA72 - Back box for 2 modules.
Dim: mm 128x245x65

MA73 - Back box for 3 modules.
Dim: mm 128x362x65



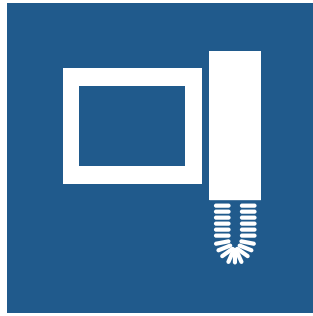
MA91 - Rain shelter for 1 module. Made in stainless steel. Dim: mm 146x145x92

MA92 - Rain shelter for 2 modules. Made in stainless steel. Dim: mm 146x262x92

MA93 - Rain shelter for 3 modules. Made in stainless steel. Dim: mm 146x379x92

SETTE / design / functionality





→ *internal stations*

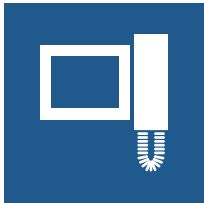




ZHERO / *easy to use*



← **ASTRO** / *elegant / flexible*



- Essential and modern design
- Hands-free, with LCD 7" screen
- Wi-Fi connection



SE4272
Hands-free Wi-Fi video intercom, with 7" LCD screen, white colour.
 Soft touch control for door opening and conversation. Surface mounting, metal bracket included.

Dim. mm 194x 156 x 25

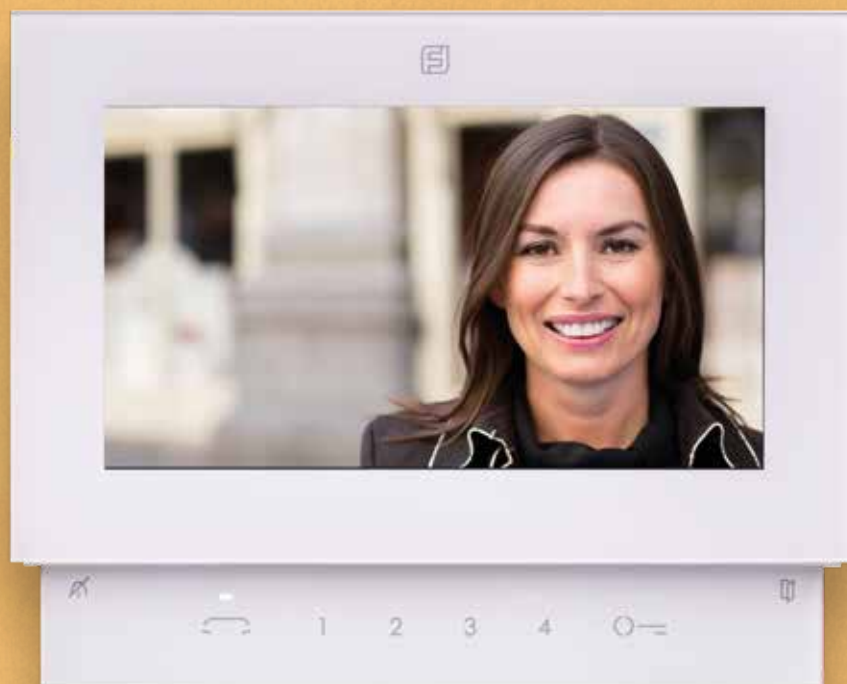


TA4260
 Table adaptor. Made in transparent / white methacrylate, it allows the practical use of the video intercom resting on a table. Provided with 2.4 m cable.
Dim: mm 150x149x125.

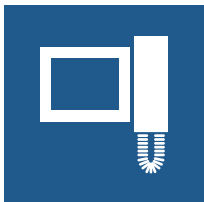


SE4252
Hands-free video intercom with 7" LCD screen white colour. Soft touch control for door opening and conversation, 4 buttons for intercommunication, auto-switch on and additional functions. Signalling LED'S for door open and bell exclusion. Surface mounting, metal bracket included.

Dim: mm 194x156x25







→ Modern and ergonomic (big buttons, easy handset, LEDs signaling, simple and intuitive icons)

→ Compact dimensions (LCD 4.3")

→ Programmable via Bluetooth

→ Matt finishes



AT9262

White video intercom, equipped with 4.3" LCD screen, 4 buttons (one of which is door opener and one for auto switch-on), 2 of which have double function. Some of the technical features: bell exclusion, 2 signaling LEDs, 4 available ringtones. Programming via **Bluetooth**, surface mounting. Wall bracket in metal included.

Dim: mm 180 x 92 x 43



AT962

White intercom, equipped with 4 buttons (one of which door opener), all with double function. Some of the technical features: office function included (in systems with PDX2000), bell exclusion, 2 signaling LEDs, 4 ringtones available, Surface mounting and programming via **Bluetooth**.

Dim: mm 180 x 92 x 43

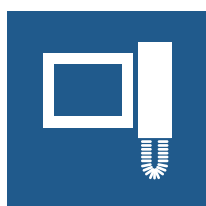


AT972

White intercom, hands-free model. Provided with 4 buttons, one of which door opener, one for conversation activation and 2 with double function. Some of the technical features are: bell exclusion, 3 signalling LED's, 4 available ringtones. Automatic reply function. Surface mounting and programming via **Bluetooth**. *Dim: mm 125 x 92 x 43*







ZHERO

- *Elegant and versatile design*
- *Hands-free, 4.3" screen*
- *Reduced dimensions*



ZH1252WE

White video intercom, 4.3" screen, programming through DIP switch. Door open and bell exclusion signals. Two buttons for configuration additional services: call to the doorkeeper exchanger, intercommunicating service. Minimalist shape and surface mounting, wall bracket in metal included.

Dim: mm 123x168x29.

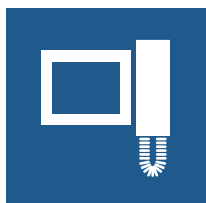
ZH1252WEB

Videointercom, version with inductive loop for hearing impaired



installation element

TA1260 - Table adaptor for ZHero monitors. Dim: mm 110x88x108



Exhito



EX352

White intercom, basic version. Provided with 3 function buttons of which 2 are programmable. Compact and for essential functions. Alarm function in systems with PDX2000. *Dim. mm 65 x 218 x 62*



EX362

White intercom, plus version. Provided with 7 function buttons of which 1 for open door lock and the other 6 programmable. Signaling LED. *Dim. mm 83 x 218 x 62*



→ doorkeeper exchanger



PDX2000

Digital doorkeeper exchanger white colour. Available functions: internal station-internal station and external station-internal station communication, auto-insertion on external door station, day/night shunted switching, lost calls management. Further features: insertion on a busy user, opening of many doors even on non-specific demand. Alarm function with notification of the affected apartment, different colour for display lighting. Multiple door-keeper exchangers system allowed. Updating or data import through memory card. Call queuing and calls booking are available.

Dim: mm 209x186x67



ST7100CW

Colour monitor, 4" LCD screen, adjustable in inclination, auto switch-on button and an additional one. To be joint to PDX2000 door keeper exchanger. *Dim: mm 156x224x61*

installation elements

TA7100W - **White table adaptor**, for ST7100CW monitors. Complete with cable clamp, junction box and 2.4 m connection cable with 20 wires. To be used with WB7260 wall bracket.

WB7260 - **Wall bracket** for ST7100CW monitors for connection to PDX2000 doorkeeper exchanger



Configuration manual

→ gateway

- only **one module** for the whole installation
- can be added to already **existing installations**
- extremely **simplified** set-up and configuration



GWZIP

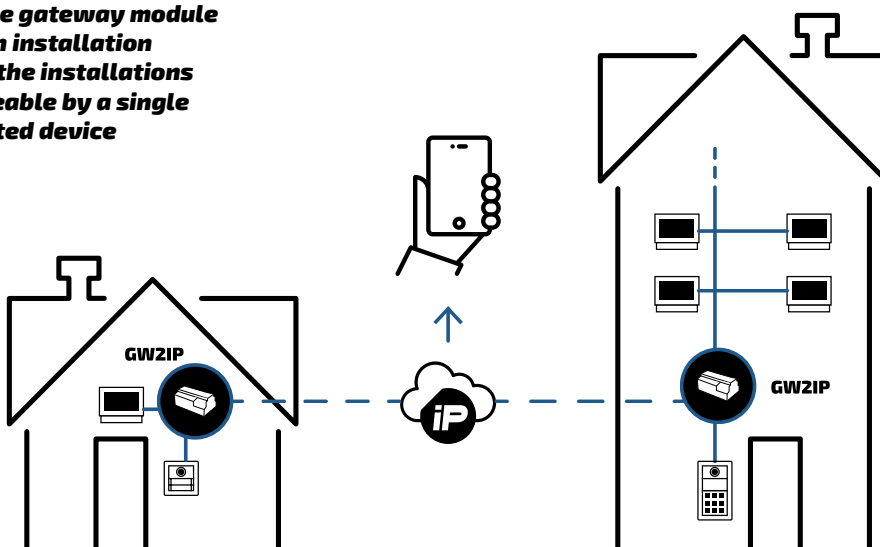
DIN rail gateway that **interfaces the DUO system to the IP world**. The gateway GWZIP can be powered either via the DUO Bus or separately with a local power supply. Container installable Fits DIN bar (9 modules).

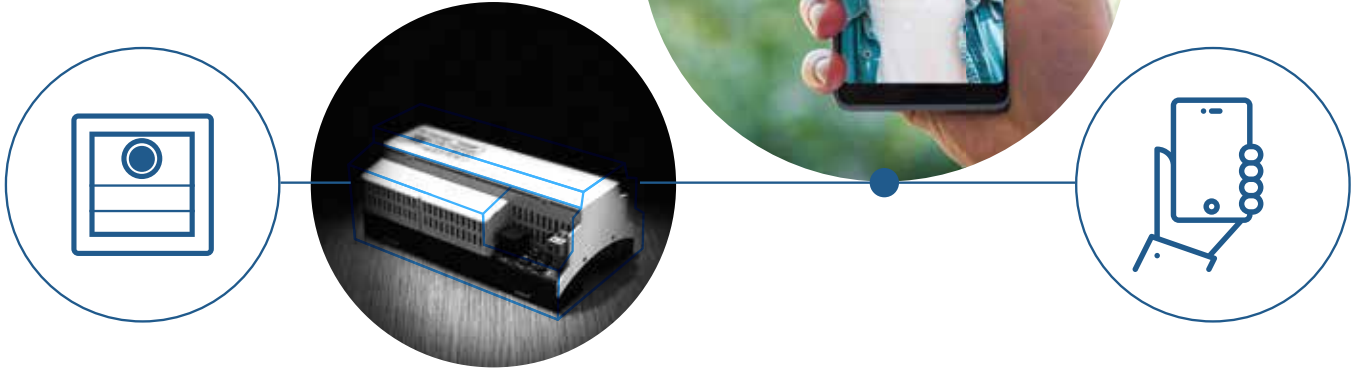
1US/GWZIP

Service to add a house-unit (Duo System user) to the gateway. Each gateway can manage up to a maximum of 50 houses-units. If an installation has more than 50 apartments, several gateway modules can be installed in parallel.



Only one gateway module for each installation and all the installations manageable by a single connected device





technical features

functions



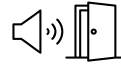
App IpWay Cloud for iOS and Android



Video calls



Connecting to LAN via Ethernet or Wi-Fi



Bidirectional audio and remote door opening



Proprietary cloud infrastructure



Push notifications for lost call in case of missed answer



Automatic connection to cloud



Control auto switch-on on all external stations in an installation



Simplified web programming interface



Audio activation with all the external stations including auto switch on



Event list with all the calls, answers (even the lost ones), with time and date (for 1 month)



Video memory with 4 pictures for each received call (for 1 month)



Remote actuators and sensors management

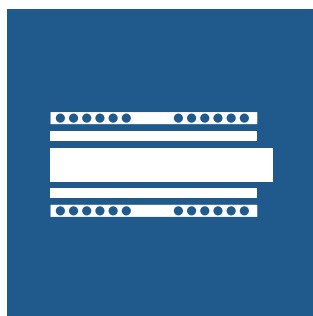


Integration with video surveillance cameras



Compatibility with existing Duo Systems





→ power supplies & accessories



2221MQ

Linear power supply or Duo System Bus. Power provided 38VA, output protected through PTC. Separate inputs for the line in 127 Vac and 230 Vac. It guarantees the appropriate audio and video impedance.

Dim: 8 DIN A modules.



2221S

Switching power supply for Duo System Bus. Power supplied 60VA, protected in output through PTC. It guarantees the proper audio-video impedance.

Dim: 6 DIN A modules.



2220S

Power supply for door panels. Output 13 Vac/1 A protected against overloading and shortcircuits.

Dim: 3 DIN modules.



PRS210

15VA, 13 Vac **transformer**. VDE certification, can be used to power various products in Duo system.

Dim: 3 DIN modules.



2223Q

Video signal amplifier. It allows to increase the max distance of Duo Bus, it is possible to connect in cascade several amplifiers. It can be locally powered. *Dim: 3 DIN A modules.*



2231Q

Riser or block (up to 99) **separator**. It can connect one or more secondary door panels and a local power supply. It allows independent sections inside an installation. Intercommunication allowed without engaging the main building line. *Dim: 3 DIN A modules.*



2281Q

Actuator for additional services, directly powered by the Bus, it is provided with a power relay and input port for external sensors connection. Completely programmable and configurable depending on the installation requirements.

Dim: 1 DIN A module.



2302

Twisted pair **cable for internal**, each wire having single section of 1 sq.mm. 100 m reels available.



2302E

Twisted pair **cable for external**, each wire having single section 1 sq.mm. Specifically designed to be laid underground. 100 m reels available.



DM2421

Riser distributor or video switcher, that allows to selectively send the video signal, coming from door station, to video intercoms.

Dim: mm 122 x 68 x 25



DM2430

As the previous item, with further programming modes, for particular implant configurations.

Dim: mm 122 x 68 x 25



DM2444

Concentrator module that allows to selectively centralize up to 4 door panels and up to 4 risers. This configuration can be extended through connection in cascade of many devices.

Dim: 8 DIN modules

**VM2521**

Video modulator featuring 2 inputs for the connection of analogic PAL standard cameras. It can be used as independent device or, for an advanced video feed management, combined with suitable door panels.

Dim: 3 DIN modules

**DV2420**

Line distributor for the connection of power supplies or other accessories to Duo Bus.

Dim: mm 43 x 36 x 25

**DV2421Q**

1 output **signal distributor** for Duo video or mixed audio-video risers.

Dim: mm 43 x 36 x 25

**DV2424Q**

4 Output **distributor** for video intercom Duo riser or audio-video ones.

Dim: mm 122 x 68 x 25

2287

Selector for 4 or 7 exchanges. It allows the selection of max 4 or 7 surveillance cameras and/or other services activation. Output is to be sent to a modulator. *Dim: 8 DIN modules*

**XT2928U**

Interface board that allows the connection of any kind of analogue door panel to Profilo / Agorà encoder modules of Farfisa digital systems. Each board can connect up to 16 buttons and it is possible to connect boards in cascade.

**XT2932U**

Interface board that allows to connect any analogue door panel to Alba or Hero modules. Each board allows to connect max 32 buttons and it is possible to connect further boards in cascade.

**PGR2991BT**

Programming module Bluetooth. It allows to programm all the devices in the installation through smartphone (app "Duo System").

Dim: 1 DIN module.

**XE2921**

Expansion board for Alba and Hero Bus, it allows the integration of Bluetooth technology into the door panel. It allows the timed access control functions and programming (app "Duo System").

XE2922

As the previous item. Furthermore, it allows to add the access control function to the door panel by smartphone (app "Smart Access").

**XM2922**

Line driver module for DUO video and intercom systems. It allows to use third party regulated power supply (about 36 Vdc output) units as power source for Duo Bus, providing even the correct line impedance. *Dim: 3 DIN modules*

LPF 60-36

36Vdc / 1A stabilized switching power supply for Duo systems. To be combined with the XM2922 line driver module.

Dim: mm 165 X 43 X 32

APV25-36

36 Vdc / 0.7A stabilized switching power supply for Duo systems. To be combined with the XM2922 line driver module. *Dim: mm 82 x 56 x 34*

APPs for the system

For iOS



**App Farfisa
Smart Access**



**App Duo
System**

For Android



**App Farfisa
Smart Access**



**App Duo
System**

KIT

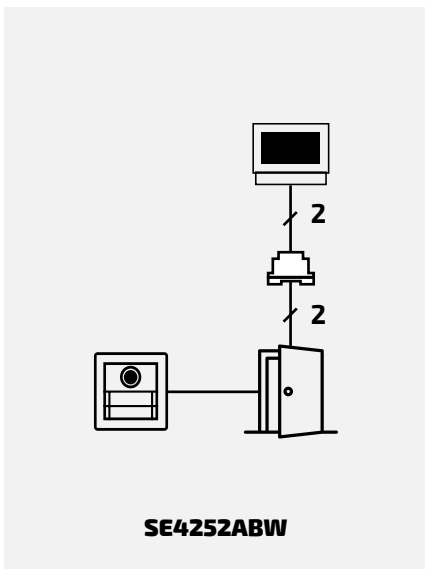
→ complete kits



SE4252ABW
One-way videokit with Alba CV2144AB door panel with 1 call button + SE4252 Sette monitor + 2221MQ power supply.



ZH1252AGLEW
One-way videokit with VD2101AGL Agorà door panel with 1 call button + ZH1252WE ZHeroS monitor + 2221MQ power supply.





→ **basic installation kits**



BVAB

Basic installation **videokit** with Alba CV2144AB door panel + 2 AB21 + 1 AB20 + 2221MQ power supply.



BAAB

Basic installation **audio kit** with Alba CA2144AB + 2 AB21 + 1 AB20 + 2221MQ power supply.

→ **Alba compositions**

It is easy to create an Alba composition. For compositions with digital call (up to 20.000 users) or conventional call, please follow the indications











on these tables. The double call buttons is to be preferred to optimize door panel size.

Audio-video Alba composition, with digital call, up to 20,000 users

1 x A/V MODULE	1 x DISPLAY	1 x KEYPAD	2 x SINGLE BUTTON	1 x BACK BOX*	1 x RAIN SHELTER*	1 x MODULE FRAME	1 x FRONT FRAME
CV2144AB/ CA2144AB	DD2140AB	PD2100AB	AB20	SC3	AB93	AB73	AB63





















* Back boxes are to be chosen in case of flush mounting, rain shelters in case of surface mounting

Composition of Alba door panels, video or audio, call on single row

		NUMBER OF CALLS																																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34			
A/V MODULE	 CV2144AB/CA2144AB	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		
BLANK MODULE / STREET NUMBER	 AB00/AB50															1	1	1	1						2	2	2	2	1	1	1	1						
BUTTON MODULE	 CT2138AB			1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8			
CALL BUTTON	 AB21	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34			
	 AB20	1		3	2	1		3	2	1		3	2	1		3	2	1		3	2	1		3	2	1		3	2	1		3	2	1				
BACK BOX*	 SC1	1	1																																			
	SC2			1	1	1	1					2	2	2	2																							
	SC3						1	1	1	1						2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3		
RAIN SHELTER*	 AB91	1	1																																			
	AB92			1	1	1	1																															
	AB93						1	1	1	1																												
	AB94											1	1	1	1																							
	AB96															1	1	1	1	1	1	1	1															
MODULE FRAME	 AB71	1	1																																			
	AB72			1	1	1	1					2	2	2	2																							
	AB73						1	1	1	1						2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
FRONT FRAME	 AB61	1	1																																			
	AB62			1	1	1	1					2	2	2	2																							
	AB63						1	1	1	1						2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
CABLE	 EC733											1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2		

* Back boxes are to be chosen in case of flush mounting, rain shelters in case of surface mounting

Composition of Alba door panels, video or audio, call on double row





		NUMBER OF CALLS		2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68		
A/V MODULE		CV2144AB/CA2144AB	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	
BLANK MODULE / STREET NUMBER		AB00/AB50																1	1	1	1					2	2	2	2	1	1	1	1						
BUTTON MODULE		CT2138AB			1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8	8	8	
CALL BUTTON		AB21	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34			
		AB20	1		3	2	1		3	2	1		3	2	1		3	2	1		3	2	1		3	2	1		3	2	1		3	2	1				
BACK BOX*		SC1	1	1																																			
		SC2			1	1	1	1					2	2	2	2																							
		SC3						1	1	1	1						2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
RAIN SHELTER*		AB91	1	1																																			
		AB92			1	1	1	1																															
		AB93						1	1	1	1																												
		AB94											1	1	1	1																							
		AB96															1	1	1	1	1	1	1	1															
MODULE FRAME		AB71	1	1																																			
		AB72			1	1	1	1					2	2	2	2																							
		AB73						1	1	1	1						2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
FRONT FRAME		AB61	1	1																																			
		AB62			1	1	1	1					2	2	2	2																							
		AB63						1	1	1	1						2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
CABLE		EC733											1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2		

* Back boxes are to be chosen in case of flush mounting, rain shelters in case of surface mounting













→ Matrix compositions

Matrix composition audio/video, digital call up to 20,000 users

It is easy to create a Matrix composition. For compositions with digital call (up to 20,000 users) or conventional call, please follow the indications on these tables.

1 x A/V MODULE	1 x DISPLAY + KEYPAD	1 x BACK BOX	1 x MODULE FRAME
			
VD2120CMAS / AD2110MAS	TD2100MAS	MA72	MAS62

Matrix composition audio/video, conventional call

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
AD2110MAS VD2120CMAS		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
CD2131MAS		1			1					1				1				1				1				1				1			
CD2132MAS			1				1				1				1				1				1				1				1		
CD2134MAS				1	1			1	1			1	1			1	1			1	1			1	1			1	1			1	1
MAS24S						1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7
MAS20														1	1	1	1					2	2	2	2	1	1	1	1				
MA72*		1	1	1	1					2	2	2	2																				
MA73*						1	1	1	1					2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
MA92		1	1	1	1					2	2	2	2																				
MA93						1	1	1	1					2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
MAS62		1	1	1	1					2	2	2	2																				
MAS63						1	1	1	1					2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3

* Choose MA_ for flush mounting, AB9_ for surface mounting



→ **tools and communication online**

To support the setting of the product or guide the design of a video door entry system, **we provide simple and concrete tools for free use:**

- **online configurator** for standard systems for villas and condominiums
- short and direct **video tutorials** to independently manage each performance of our product
- detailed and graphically appealing **technical manuals**, aimed at maximum understanding of the contents

TUTORIAL

DOWNLOAD



Diagrams in this catalogue are a simple reference. For detailed installation schematics, please see the specific technical manual.

Due to the continuous technological evolution, Farfisa reserves the right to change the specifications of any item and range composition without prior notice.

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Certified corporate quality system



European mark for the conformity to EEC requirements.



DUO
SYSTEM



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