

SKYLINE

INFINITE POSSIBILITIES



FERMAX





SKYLINE is the new language from FERMAX.
Surprisingly simple. And in practice, universal.

It is the only one able to respond to all the market needs.
Integrating video door entry, access control and information
displays in the same unit.

Providing total creative freedom through its versatility.

SKYLINE lets you set up any composition imaginable, thanks
to its 28 different modules.



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Search name
and press ↵





COMBINES



Following aesthetic and technological criteria, it is possible to create up to 20 million SKYLINE. All with a unique design.



SKYLINE is a combination of only 28 different parts.

It consists of 8 frames of different dimensions that make up the desired modules. Choosing among the 20 options available will respond to the needs of each individual customer.

SKYLINE **lets you create** any video door entry system with access control and information displays.

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SKYLINE allows the combination of all kinds of elements. Audio and video modules, single and double pushbutton modules, informative screen, biometric reader, Bluetooth, proximity reader and keypad, etc.

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INTEGRATES



SKYLINE includes access controls, either biometric (fingerprint) or mechanical: proximity reader, numeric keypad or via mobile telephones using Bluetooth technology.

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With SKYLINE **all the technologies converge** in a single solution and with the same look.

Because SKYLINE **integrates the different applications in modular form**: video door entry to communicate with indoors. Access control readers to restrict entry and informative displays for all users.

SKYLINE's modular design leaves the door open for inclusion of future technologies, which can easily be integrated.

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It means the end of uniformity. Because SKYLINE enables each user in each sector and culture to receive **the most suitable response** to their needs and preferences.

It makes no difference if the requirements are simple or sophisticated, SKYLINE has all the answers.

CHOOSES



SKYLINE's adaptability facilitates its use in any sector: residential areas, single family houses, offices and businesses, industry and companies.

The most usual video door entry systems have individual pushbuttons for homes or use digital buttons and informative displays.

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INFORMS

The informative screen facilitates use of the video door entry system for people with hearing difficulties. Luminous indicators show the communication status: house calls, in conversation, open door or system busy.



Informative pictograms

SKYLINE provides the possibility to include very useful informative elements for the end user. From directory cardholders (recommended for offices and residential facilities) to the new informative screens. Promoting intuitive, user-friendly and universal application of the technology.



Pushbuttons can include lettering in Braille.

The SKYLINE amplifier emits a safety message warning the visitor that the door is open. It is recorded in 32 languages.



The cardholders and directories let you display information and insert company logos and names. Technological modules such as the display or informative screen make access easy for all users.





RESISTS



SKYLINE is a creation of the industrial designer Ramón Benedito, FERMAX collaborator since 1975.



In SKYLINE all the details are taken care of. The manufacturing materials - anodized aluminium, chromed zamak and polycarbonate, are selected for their beauty and maximum weather resistance. The clip-on assembly system of the modules is amazingly simple. The final result is compact and robust equipment (IPK 437).

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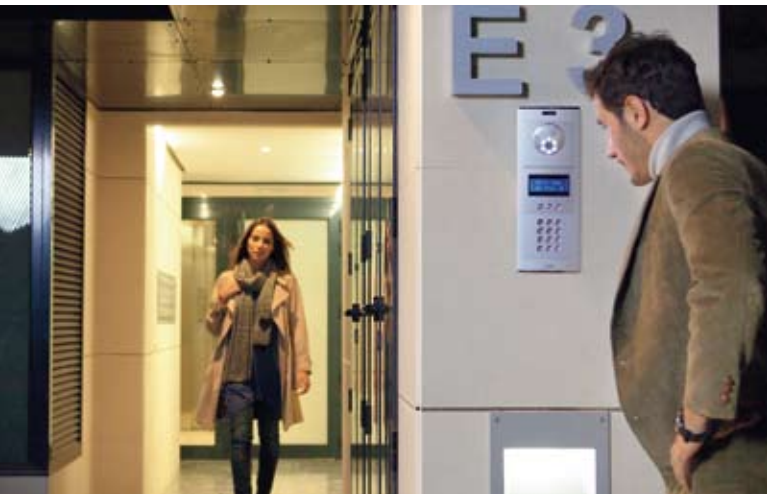
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The pushbutton and keypad contacts are watertight. The pushbuttons have been tested in laboratory trials to be able to resist 100,000 pressings in 48 hours with total reliability.





ENHANCE



Only SKYLINE's cutting-edge technology enables versatility without limits. Because **all the modules are compatible with each other** and connected by a smart system. The most complex module and with most features is the one integrating the audio electronics and camera. Managing the communication, door opening and setting the installation parameters.

In poor light conditions, the colour camera lights up for better viewing. The pushbutton cardholders and digital keypad are permanently lit for use in the dark.

From the audio and video module it is possible to: adjust the volume, run the operating test, program monitors, select the safety alert language or indicate the door opening timings.

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Calling...0007





CREATES

Start to imagine now and discover all the possibilities SKYLINE offers.

Because a single project can be resolved in multiple ways, depending on the needs of the end user and their lifestyle preferences.

To make the most of SKYLINE's possibilities, we have created an intuitive tool: SKYLINER. With it **you can create your own designs**, save the image and draw up a complete list of materials with its budget.

Start working with SKY L I N E R now. It is available at www.fermax.com entering your user name and password.

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SKYLINER operation:

- 1) Choose your FERMAX video door entry technology: VDS, BUS2, MDS or 4+N.
- 2) Setting out from a blank template or a preset configuration you can create the desired combination. Adding frames and dragging the modules with a simple application.
- 3) Once you have designed your SKYLINE :
Option 1: Create an image (.jpg) to save on your PC.
Option 2: Make a budget estimate with the image created. The corresponding list of modules to which other elements of the installation can be added and personalized with the customer's name and other data.





DISCOVER

The best known SKYLINE and all the technical details.



20|



digital video entry panel with display and keypad

digital video entry panel with display, keypad and proximity

digital video entry panel with display, keypad and fingerprint

digital video entry panel with display, keypad and decorative frame





office directory with access control system by keypad



proximity reader



bluetooth reader



keypad



fingerprint reader



proximity and keypad combined for access control

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16 apartments video entry panel with double pushbuttons



16 apartments video entry panel with single pushbuttons



16 apartments video entry panel disability 



4 rises configuration (16 apartments)



16 apartments video entry panel with keypad for door opening





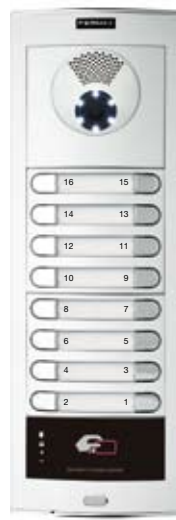
16 apartment video entry panel with cardholder



16 apartment video entry panel with informative screen and braille labelling



16 apartment video entry panel with office/porter's lodge call



16 apartment video entry panel with proximity reader



video door entry panel with direct keypad and directory

SKYLINE INFINITE POSSIBILITIES 

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TECHNICAL FEATURES

Maximum outdoors resistance (IPK 437).
Extruded and anodized aluminium panel.
Chromed zamak pushbuttons.



Audio-video compact module.
Aluminium front and stainless steel interior frame.
2W high power amplifier.



Call-communication volume and lock release time settings.
Voice synthesis in 32 languages *“Door open, please close the door behind you”*.



CCD COLOUR camera with leds for night vision and PAN&TILT system.
Operation test connector.



Waterproof pushbuttons.
100.000 pressings guaranteed in 48h hours.
Permanent led cardholders lighting.



Zamak backlit keyboard.
Waterproof contacts.

Smart connection between modules.
No call extension module needed.



Advanced monitor programming system (mapping).

MODULE ASSEMBLY SEQUENCE





PROJECT

CREATE YOUR DESIGNS WITH **SKYLINER** 
BE CREATIVE

SKYLINE consists of 8 different-sized frames where different modules can easily be fitted.

Modules come in 2 sizes. Designated V and W (W is twice the size of V).

The audio and video modules are available in different technologies: (VDS, BUS2, MDS and 4+N).

Once technology has been selected, the use of these modules with the appropriate frames, lets you set up the necessary panel for any building.

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AUDIO & VIDEO MODULES



Video W

|VDS|BUS2|4+N
ref.7421|7433|7406



Audio W

|VDS|BUS2|4+N
ref.7415|7430|7400

SKYLINE FRAMES



Frame 1V | Series 1
ref.7341 | 130x128



Frame 2V | Series 2
ref.7332 | 130x151



Frame 3V | Series 4
ref.7333 | 130x199



Frame 4V | Series 5
ref.7334 | 130x246



Frame 5V | Series 6
ref.7335 | 130x294



Frame 6V | Series 7
ref.7336 | 130x341



Frame 7V | Series 8
ref.7337 | 130x389



Frame 8V | Series 9
ref.7338 | 130x436,5

DOUBLE PUSHBUTTONS



8 Push. 204 W

|VDS|BUS2|4+N
ref.7371|7371|7369



4 Push. 202 V

|VDS|BUS2|4+N
ref.7372|7372|7370



2 Push. 201 V

|VDS|BUS2|4+N
ref.7376|7376|7374

SINGLE PUSHBUTTONS



4 Push. 104 W

|VDS|BUS2|4+N
ref.7367|7367|7365



2 Push. 102 V

|VDS|BUS2|4+N
ref.7368|7368|7366



1 Push. 101 V

|VDS|BUS2|4+N
ref.7375|7375|7373

DIGITAL MODULES



Direct keypad W

|VDS|BUS2
ref.7439



Display W

|VDS|BUS2|MDS
ref.7449|7451



Digital keypad W

|VDS|BUS2|MDS
ref.7447

INFORMATIVE MODULES



Cardholder W

ref.7445



Cardholder V

ref.7444



Informative screen V

ref.7448

ACCESSORIES



Metallic complement W
ref.7443



Metallic complement V
ref.7442

ACCESS CONTROL



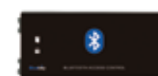
Fingerprint W
ref.6989



Keypad W
|STAND ALONE|CAC
ref.7438|7453



Proximity W
ref.7440



Bluetooth V
ref.7441

The **flush boxes** used are standard FERMAX metallic. They can be joined laterally within the same series by means of a joining bolt set (ref.8829).

ref.8851. Flush box Series 1. 115x114x45

ref.8852. Flush box Series 2. 115x138x45

ref.8854. Flush box Series 4. 115x185x45

ref.8855. Flush box Series 5. 115x233x45

ref.8856. Flush box Series 6. 115x280x45

ref.8857. Flush box Series 7. 115x328x45

ref.8858. Flush box Series 8. 115x375x45

ref.8982. Flush box Series 9. 115x420,5x45

If the configuration calls for more than one panel, a **connection cable** between them is needed (1 cable for each additional panel).

|VDS|BUS2|4+N
ref.2541|2540

All measurements are expressed in millimetres. (W) x (H) x (D) = WIDTH x HEIGHT x DEPTH

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MODULES

AUDIO AND VIDEO MODULES

Integrates audio (voice) and video (image) functions in a compact module. Self-regulating 2W amplifier. Built-in voice synthesis. Aluminium front and inner stainless steel grill. CCD high sensitivity colour camera. PAN&TILT lens. LED lighting for night vision.



PUSHBUTTON MODULES

Waterproof pushbutton (sealed contacts). Manufactured in injected zamak.

100,000 pressings guaranteed in 48 hours.

Weather and impact resistant. Cardholders permanently lit by low consumption LEDs. Frontal cardholder access.

DOUBLE PUSHBUTTONS



SINGLE PUSHBUTTONS



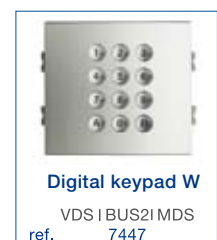
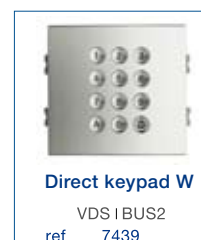
DIGITAL MODULES

Apartment calls made by entering the door code via the digital keypad.

Lets you open the door directly by entering a code.

Backlit metallic keypad made in zamak. Sealed contacts. Weather resistant.

LCD Display shows the homes directory and their call codes.



INFORMATIVE MODULES AND COMPLEMENTS

INFORMATIVE SCREEN

Luminous signals tell you the video entry system operating status: house call, active communication, open door and channel busy. The corresponding graphic icons light up depending on the situation.



CARDHOLDER

Card slot permanently illuminated by LEDs. To personalise the building, enter the address or as a door directory in digital panels.



METALLIC MODULE

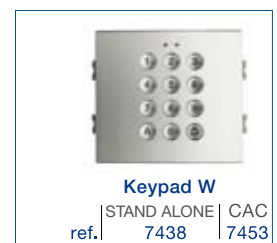
Made with the same material as the panel's anodised aluminium profile. Necessary to fill in gaps in some panel and module combinations. Also lets you leave the panel ready to add a module later.



ACCESS CONTROL MODULES

FINGERPRINT READER

Thermal sensor. Maximum capacity 950 users. With built-in DISPLAY and signal LEDs.



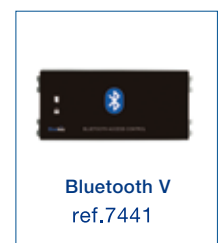
MEMOKEY KEYPAD

Triggers the electric lock when a code up to 6 digits is entered.

Backlit metallic keypad with signal LEDs. (Up to 100 codes).

PROXIMITY READER

Lets you open the door when an authorised proximity card is shown (up to 400 cards).



BLUETOOTH READER

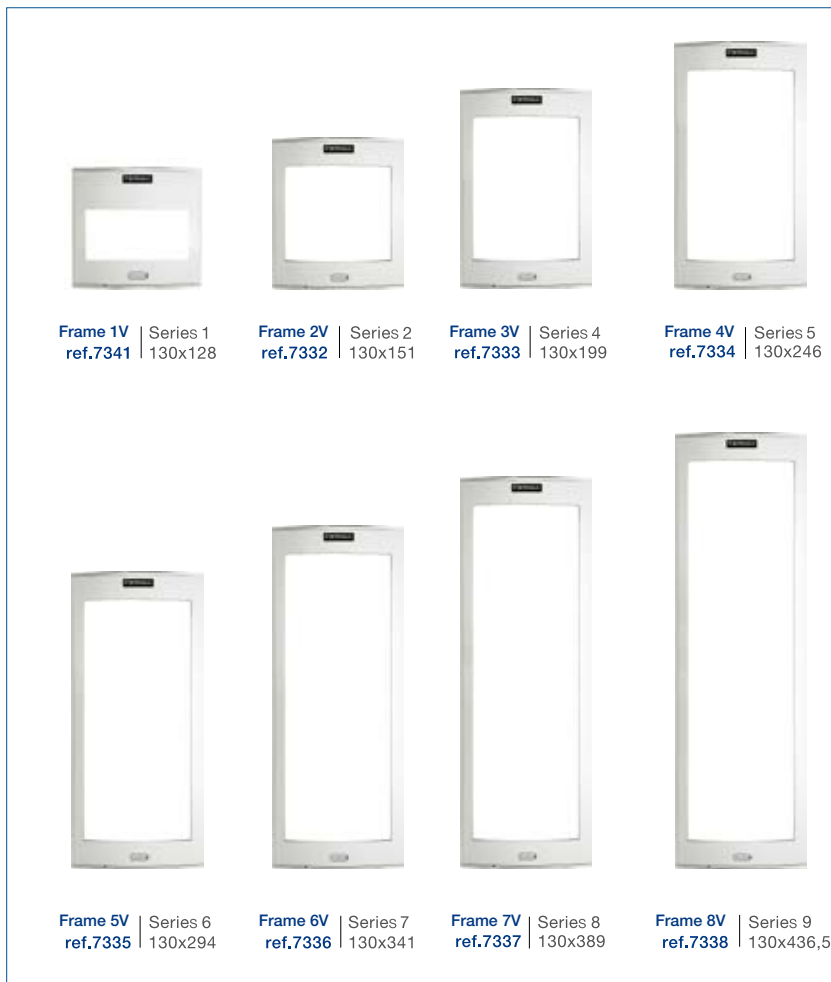
Lets you activate the door with a Bluetooth mobile phone. Up to 40 authorised telephones.

FRAMES

Anodised aluminium profiles with anodised finish for outdoors.

Convex-curved profile. Injected zamak profile locks included. Upper logo and lower cover collapsible to conceal screw for fixing to flush-fit box.

High sensitivity microphone built into profile. Waterproof seals are included to avoid water agress through the wall. Folding hinges.



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ACCESSORIES

FLUSH BOX

Made in aluminium and zamak, with folding hinges.

JOINING BOLTS SET






To combine panels from the same series, separators must be used. They are installed between the flush fit boxes.

CONEXION CABLE

If the configuration requires calls from more than one panel, a connection cable between them is needed (1 cable for each additional panel).



ACCESSORIES

					
	FLUSH BOX	SURFACE BOX	DECORATIVE FRAME	HOOD	ANGULAR COMPLEMENT
S1 (1V)	ref.8851 115(W)x114(H)x45(D)	ref.7061 130(W)x128(H)x33(D)	ref.9191 SINGLE* 201(W)x200(H)	ref.8400 SINGLE	ref.8378 SINGLE
	ref.8843 MINIBOX OF 5 UNITS	ref.7051 MINIBOX OF 5 UNITS		ref.8408 DOUBLE ref.8416 TRIPLE	ref.8389 DOUBLE ref.8489 TRIPLE
S2 (2V)	ref.8852 115(W)x138(H)x45(D)	ref.7062 130(W)x151(H)x33(D)	ref.9192* 201(W)x224(H)	ref.8401 SINGLE	ref.8379 SINGLE
	ref.8844 MINIBOX OF 5 UNITS	ref.7052 MINIBOX OF 5 UNITS		ref.8409 DOUBLE ref.8417 TRIPLE	ref.8390 DOUBLE ref.8490 TRIPLE
S4 (3V)	ref.8854 115(W)x185(H)x45(D)	ref.7064 130(W)x199(H)x33(D)	ref.9194 SINGLE* 201(W)x271(H)	ref.8403 SINGLE	ref.8381 SINGLE
	ref.8846 MINIBOX 5 UNITS	ref.7054 MINIBOX OF 5 UNITS		ref.8411 DOUBLE ref.8419 TRIPLE	ref.8392 DOUBLE ref.8492 TRIPLE
S5 (4V)	ref.8855 115(W)x233(H)x45(D)	ref.7065 130(W)x246(H)x33(D)	ref.9195 SINGLE* 201(W)x319(H)	ref.8404 SINGLE	ref.8382 SINGLE
	ref.8847 MINIBOX OF 5 UNITS	ref.7055 MINIBOX OF 5 UNITS		ref.8412 DOUBLE ref.8420 TRIPLE	ref.8393 DOUBLE ref.8493 TRIPLE
S6 (5V)	ref.8856 115(W)x280(H)x45(D)	ref.7066 130(W)x294(H)x33(D)	ref.9196 SINGLE* 201(W)x366(H)	ref.8405 SINGLE	ref.8383 SINGLE
	ref.8848 MINIBOX OF 5 UNITS	ref.7056 MINIBOX OF 5 UNITS		ref.8413 DOUBLE ref.8421 TRIPLE	ref.8394 DOUBLE ref.8494 TRIPLE
S7 (6V)	ref.8857 115(W)x328(H)x45(D)	ref.7067 130(W)x341(H)x33(D)	ref.9197 SINGLE* 201(W)x414(H)	ref.8406 SINGLE	ref.8384 SIMPLE
	ref.8849 MINIBOX OF 5 UNITS	ref.7057 MINIBOX OF 5 UNITS		ref.8414 DOUBLE ref.8422 TRIPLE	ref.8395 DOUBLE ref.8495 TRIPLE
S8 (7V)	ref.8858 115(W)x375(H)x45(D)	ref.7068 130(W)x389(H)x33(D)	ref.9198 SINGLE* 201(W)x461(H)	ref.8407 SINGLE	ref.8385 SINGLE
	ref.8850 MINIBOX OF 5 UNITS	ref.7058 MINIBOX OF 5 UNITS		ref.8415 DOUBLE ref.8423 TRIPLE	ref.8396 DOUBLE ref.8496 TRIPLE
S9 (8V)	ref.8982 115(W)x420,5(H)x45(D)	ref.7069 130(W)x436,5(H)x33(D)	ref.9199 SINGLE* 201(W)x509(H)	ref.8480 SINGLE	ref.8386 SINGLE
	ref.8986 MINIBOX OF 5 UNITS	ref.7059 MINIBOX OF 5 UNITS		ref.8483 DOUBLE ref.8486 TRIPLE	ref.8397 DOUBLE ref.8497 TRIPLE

All measurements are expressed in millimetres. (W) x (H) x (D) = WIDTH x HEIGHT x DEPTH

*Double frame extension kit (ref.9200) or triple frame extension kit (ref.9201) is required for double and triple configurations.



Audio and Video Door Entry Systems
www.fermax.com | fermax@fermax.com