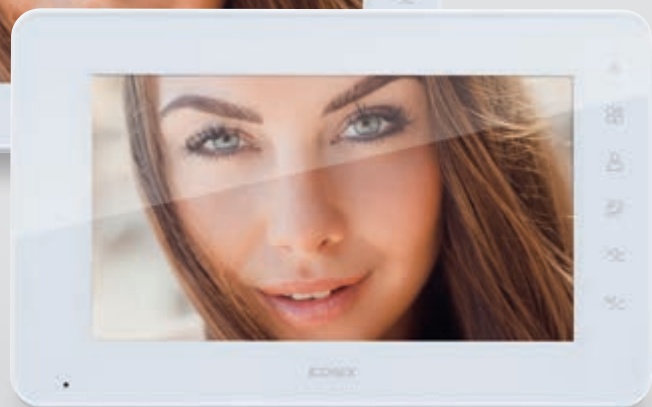


EL7800605

Intercom Kit 2-Wire





One-family and two-family video entryphone kits.


For the needs of simple video entryphone systems, new one-family and two-family kits are now available with 7" hands-free monitor, in the versions with capacitive keypad or touchscreen display. For connections between entrance panel and monitor, only 2 wires are required up to a maximum distance of 100 m between the panel and the last monitor. The pre-packaged kits allow the addition of 2 extra monitors per call button and another panel.

One-family and two-family video entryphone kits.

> Kits with advanced functions and touchscreen monitor

7" LCD touchscreen



 **Expandable kits.**


The kits can be extended to incorporate up to: 3 monitors per call button, 3+3 monitors for two-family kits, and 2 entrance panels.

 **Touchscreen monitor.**


The kits are supplied with 7" LCD TFT colour touchscreen monitor, offering a magnificently large and well-defined image.

 **Intercom calls.**

From any monitor it is possible to call and communicate with other monitors connected to the system.

 **Record who calls you.**

You can automatically or manually capture images of the caller at the entrance panel.

 **SD cards from 4 to 32 GB.**

Adding a micro SD memory (not included) allows you to capture up to 1000 images or 128 videos.

 **Multilingual menu.**

The advanced touchscreen menu is configurable in different languages (Italian, English, French, Spanish, German, Greek, Portuguese or Dutch).

 **Metal entrance panel.**


The kits are supplied with aluminium entrance panels for surface-mounting installation with or without rainproof trim and 120° wide-angle camera. IP44 and IK07 protection rating.

 **Quick connections.**

Only 2 wires are required to connect the external panel and monitors up to a maximum distance of 100 m.

 **Connectable outdoor camera.**

An additional external CCTV camera can be connected to the entrance panel to extend the monitored area.

 **Universal power supply.**

All kits are available with a multi-plug power supply (AU/EU/UK/US standard) or a power supply for DIN rail.

> Kits with capacitive keypad monitor



Expandable kits.

The kits can be extended to incorporate up to: 3 monitors per call button, 3+3 monitors for two-family kits, and 2 entrance panels.



Colour monitor.

The kits are supplied with 7" LCD TFT colour touchscreen monitor and capacitive keypad, offering a magnificently large image.



Intercom calls.

From any monitor it is possible to call and communicate with other monitors connected to the system.



Metal entrance panel.

The kits are supplied with aluminium entrance panels for surface-mounting installation with or without rainproof trim and 120° wide-angle camera. IP44 and IK07 protection rating.



Quick connections.

Only 2 wires are required to connect the external panel and the monitors up to a maximum distance of 100 m.



Connectable outdoor camera.

An additional external CCTV camera can be connected to the entrance panel to extend the monitored area.



Universal power supply.

All kits are available with a multi-plug power supply (AU/EU/UK/US standard) or a power supply for DIN rail.

High-definition display with touchscreen or capacitive keypad.

> Advanced functions and touchscreen monitor



Thanks to a large, ultra high definition 7" LCD colour display, the world outside presents a more vivid and inviting picture than ever. And the image of whoever happens to be ringing the bell is perfect too, down to the smallest detail.



Ultra high resolution.

The LCD TFT colour screen offers a magnificently large and well-defined image: 7" with 1024x600 pixel resolution.



Slim profile.

The monitor with wall installation bracket protrudes only 1.8 cm.



Choose the menu language.

The advanced touchscreen menu is configurable in different languages (Italian, English, French, Spanish, German, Greek, Portuguese or Dutch).



Record who calls you.

You can automatically or manually capture images of the caller at the entrance panel. Adding a micro SD memory allows you to capture up to 1000 images or 128 videos, which you can browse at your leisure.



Identify callers before answering.

The monitor ringtone for calls from the 2 entrance panels and intercom calls can be differentiated by selecting from 6 different melodies.



Don't want to be disturbed?

The monitor ringtone can also be turned off for a programmable time. A light indicates when the "Do not disturb" function is activated.

> Monitor with capacitive keypad



Open the pedestrian or automatic gate.

The lock on a pedestrian gate/door and automatic gate can be activated using a timed command.



Intercom calls.

From any monitor it is possible to call and communicate with other monitors connected to the system.



Wide field of vision.

All cameras connected to the system, including panel cameras and outdoor cameras, can be selected cyclically from the monitor.



Everything under control.

At any time, you can adjust the call ringtone volume, talk/listen volume and display brightness, contrast and colour, even during a conversation.



All functions at your fingertips.

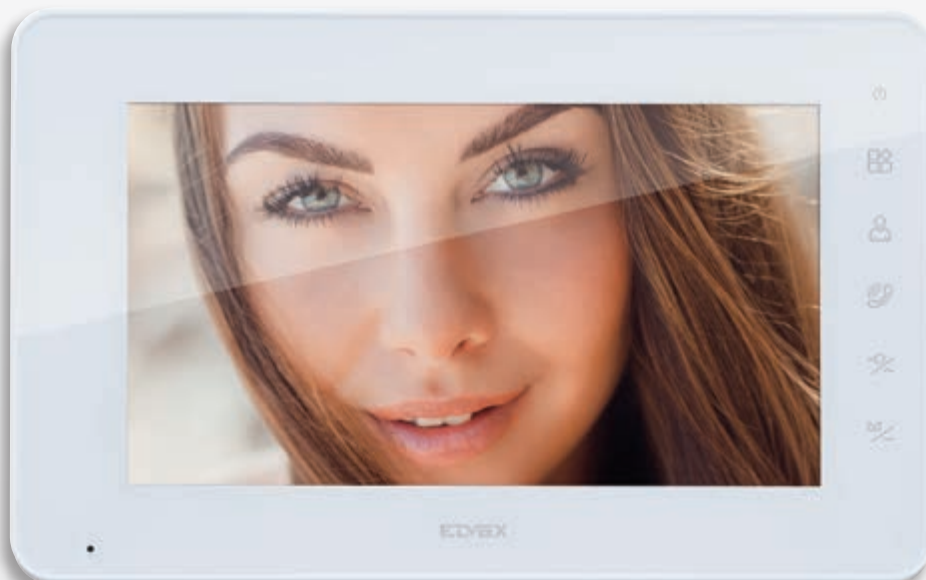
Control over all video entryphone system functions and settings is immediate, thanks to a particularly intuitive scrolling menu. In addition, all alerts are delivered by way of a similarly clear and uncluttered graphic interface.



Easy installation.

Monitors are supplied as standard with a bracket for fixing directly to the wall or on a rectangular 3-module flush mounting box.

With a 7" high-definition LCD colour display and capacitive keypad, all the video entryphone system functions are at your fingertips.



High resolution.

The LCD TFT colour screen offers a magnificently large image: 7" with 800x420 pixel resolution.



Choose the melody.

The ringtone, which are different for panel calls and intercom calls, are selectable from 6 different melodies.

Compact and solid panels, with IP44 and IK07 protection rating.



1 or 2-button aluminium panels, simple and compact, easy to install on a wall surface, supplied with or without rainproof trim.



Wide-angle camera.

Equipped with a colour camera with 120° horizontal coverage angle, 1000 TV line resolution.



Perfect vision, every time.

The panels feature white camera lighting LEDs and LED nameplate holder backlighting.



Connectable CCTV video camera.

Using a coaxial cable, the entrance panels can be connected to an additional outdoor camera (46CAM.136B.8), which is selectable from the monitor.



Gate lock release.

The panels can directly power a 12 V 1.1 A electric door lock.



Automatic gate opening command.

The panels have a NO or NC programmable timed relay output for activating automatic gates and other access devices.



Speaker volume.

The panel speaker volume can be adjusted directly on the panels themselves.



Nameplate holder.

The panels are equipped with a single large nameplate holder, which is backlit and easily accessible from the front.



IK07 impact rating and IP44 protection rating.



Aluminium entrance panels with high IP44 protection rating against atmospheric agents and IK07 impact rating.



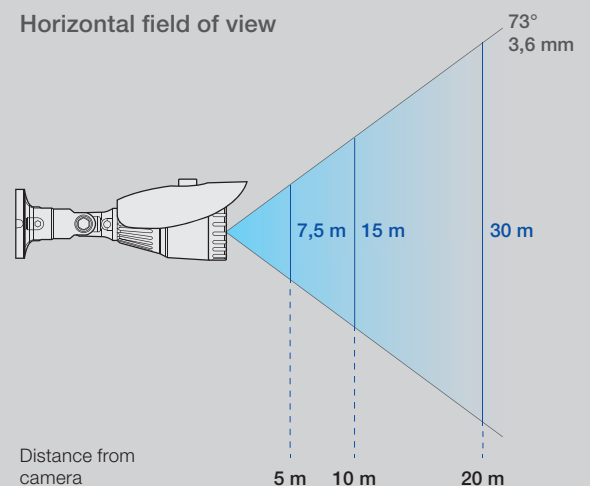
Quick installation.

The panels can be easily installed on a wall with or without rainproof trim, using the screws and plugs supplied.



AHD outdoor bullet camera, Full HD 1080p, with 3.6 mm fixed lens and IP66 protection rating. The cam has to be supplied with one of the available power supply units, to select between EU, US, AU, BS standards.

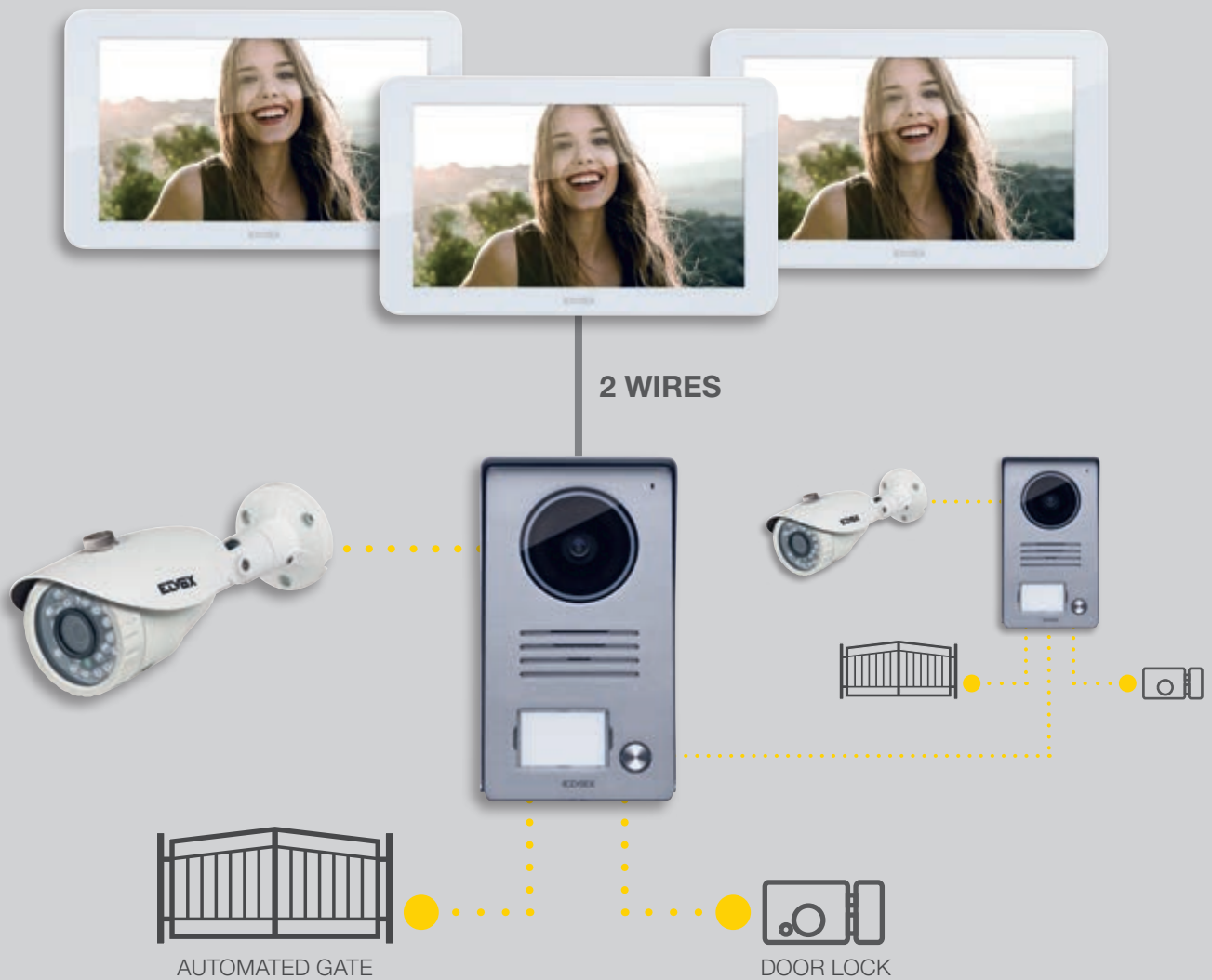
Horizontal field of view



Examples of typical systems.

> One-family system

Installing the one-family video entryphone kit makes it possible to connect panel and video entryphone using only 2 wires, control the self-powered electric door lock and the 2 A 12 VDC relay for one auxiliary service, with the possibility of connecting an additional CCTV camera. The system can be expanded by adding another 2 video entryphone systems of the same type (touchscreen or basic) or mixed types (touchscreen and basic) and 1 additional panel.



One-family kits



Max distance: 100 m



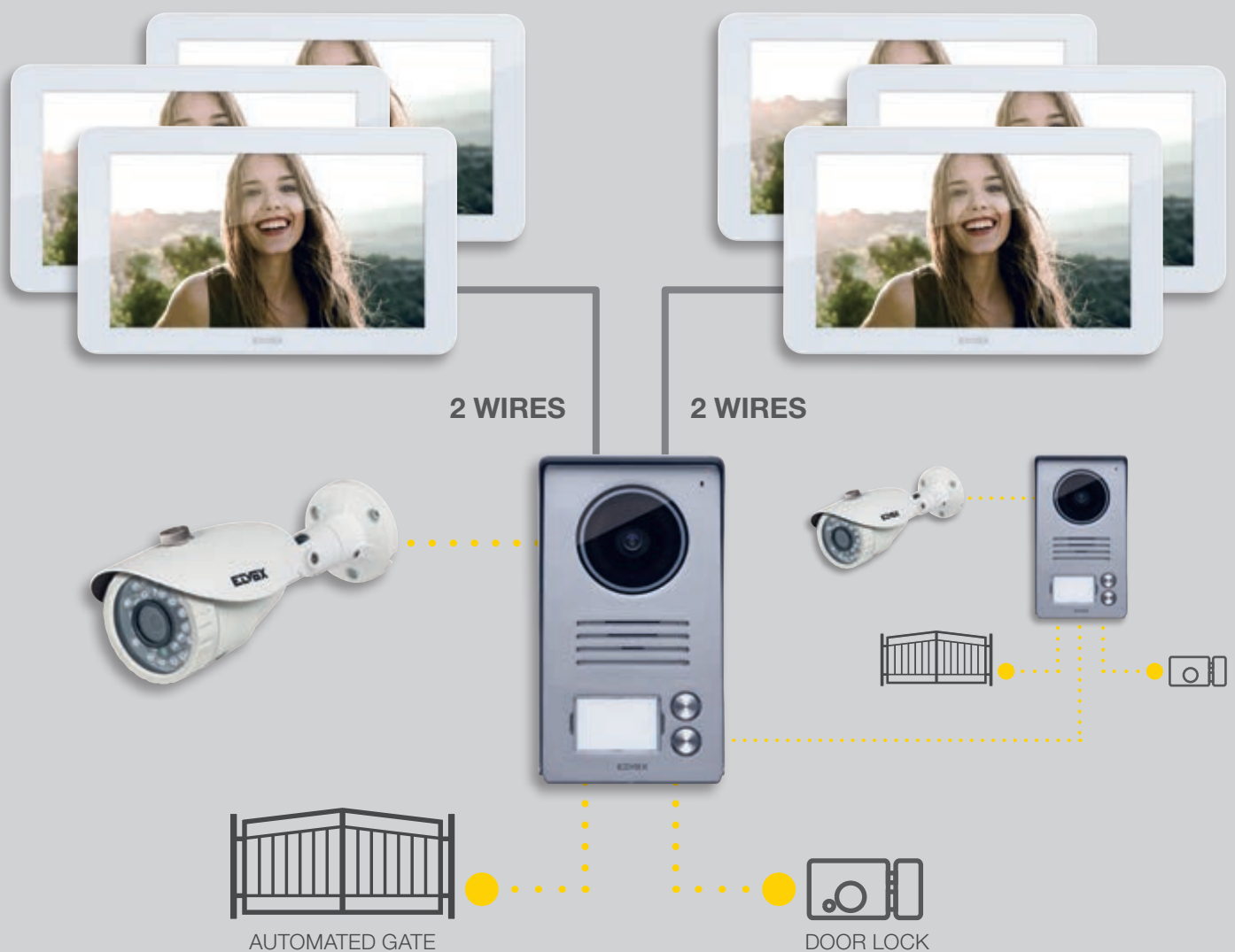
Connectable outdoor camera



Expandable (up to 3 monitors and 2 panels)

> Two-family system

Installing the two-family video entryphone kit makes it possible to connect the panel and 2 video entryphone systems (one per call button) using only 2 wires, control the self-powered electric door lock and the 2 A 12 VDC relay for one auxiliary service, with the possibility of connecting an additional CCTV camera. The system can be expanded by adding another 4 video entryphone systems, 2 per call button, of the same type (touchscreen or basic) or mixed types (touchscreen and basic) and 1 additional panel.



Two-family kits



Max distance: 100 m



Connectable outdoor camera



Expandable (up to 3+3 monitors and 2 panels)

General contents

VIDEO ENTRYPHONE KITS

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PANELS AND ACCESSORIES

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INSTALLATION EXAMPLES

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Video entryphone kits

K40915 and K40935 - One-family hands-free video entryphone kit

One-family video entryphone kit for creating a video entryphone system in a single housing unit, with 2-wire connection system between monitor and panel.

The kit contains:

- one hands-free monitor with 7" colour LCD TFT screen (1024x600 pixels), touchscreen display for video entryphone functions: talk/listen, door lock release, automated gate opening, selection of additional outdoor camera, ringtone mute and intercom calls. The electronic ringtone can be differentiated by selecting different melodies for panel calls and intercom calls. "Do not disturb" function with indicator light. The monitor supports micro SD storage of up to 1000 images/128 videos.
- one colour audio/video panel with wide-angle camera, white LEDs for night-time visibility, 1 call button and large backlit nameplate holder.
- one 100–240 VAC multi-plug power supply, AU/EU/UK/US standard (kit K40915) or power supply for DIN rail (kit K40935).

K40916 and K40936 - Two-family hands-free video entryphone kit

Two-family video entryphone kit for creating a video entryphone system for two housing units with a single panel and 2-wire connection system between the monitors and panel.

The kit contains:

- two hands-free monitors with 7" colour LCD TFT screen (1024x600 pixels), touchscreen display for video entryphone functions: talk/listen, door lock release, automated gate opening, selection of additional outdoor camera, ringtone mute and intercom calls. The electronic ringtone can be differentiated by selecting different melodies for panel calls and intercom calls. "Do not disturb" function with indicator light. The monitor supports micro SD storage of up to 1000 images/128 videos.
- one colour audio/video panel with wide-angle camera, white LEDs for night-time visibility, 2 call buttons and large backlit nameplate holder.
- one 100–240 VAC multi-plug power supply, AU/EU/UK/US standard (kit K40916) or power supply for DIN rail (kit K40936).

Main specifications

Video entryphone kit for monitor/panel connection using only 2 non-polarised wires. The kit can be expanded by adding another 2 monitors and 1 panel. The maximum distance between the panel and the last monitor is 100 m with 2 x 1 mm² wires. The panel can power an electric door lock and control an automated gate. The entrance panel can be connected to an additional outdoor camera (46CAM.136B.8), which is selectable from the monitors.

Power supply 100-240 VAC 50/60 Hz

Main specifications

Video entryphone kit for monitor/panel connection using only 2 non-polarised wires. The kit can be expanded by adding another 4 monitors (2 per call button) and 1 panel. The maximum distance between the panel and the last monitor is 100 m with 2 x 1 mm² wires. The panel can power an electric door lock and control an automated gate. The entrance panel can be connected to an additional outdoor camera (46CAM.136B.8), which is selectable from the monitors.

Power supply 100-240 VAC 50/60 Hz

Video entryphone kits

One-family video entryphone kit

- ▲ **K40915** One-family video door entry kit containing:
 - 1 metal surface mounting entrance plate with rainproof cover and 1 button, grey 40920.P1,
 - 1 surface mounting hands-free video entryphone with 7" touch screen LCD display, white,
 - 1 EU, BS, UK and AU multi-plugs power supply
- ▲ **K40935** As above, with 1 DIN (60715 TH35) rail power supply 40103



▲ K40915
▲ K40935

Two-family video entryphone kit

- ▲ **K40916** Two-family video door entry kit containing:
 - 1 metal surface mounting entrance plate with rainproof cover and 2 buttons, grey 40920.P2,
 - 2 surface mounting hands-free video entryphones with 7" touch screen LCD display, white,
 - 2 EU, BS, UK and AU multi-plugs power supplies
- ▲ **K40936** As above, with 2 DIN (60715 TH35) rail power supplies 40103



▲ K40916
▲ K40936

Video entryphone kits

K40910 and K40930 - One-family hands-free video entryphone kit

One-family video entryphone kit for creating a video entryphone system in a single housing unit, with 2-wire connection system between monitor and panel.

The kit contains:

- one hands-free monitor with 7" colour LCD TFT screen (800x420 pixels), capacitive keypad for video entryphone functions: talk/listen, door lock release, automated gate opening, selection of additional outdoor camera, ringtone mute and intercom calls. Electronic ringtone with different melodies.
- one colour audio/video panel with wide-angle camera, white LEDs for night-time visibility, 1 call button and large backlit nameplate holder.
- one 100–240 VAC multi-plug power supply, AU/EU/UK/US standard (kit K40910) or power supply for DIN rail (kit K40930).

K40911 and K40931 - Two-family hands-free video entryphone kit

Two-family video entryphone kit for creating a video entryphone system for two housing units with a single panel and 2-wire connection system between the monitors and panel.

The kit contains:

- two hands-free monitors with 7" colour LCD TFT screen (800x420 pixels), capacitive keypad for video entryphone functions: talk/listen, door lock release, automated gate opening, selection of additional outdoor camera, ringtone mute and intercom calls. Electronic ringtone with different melodies.
- one colour audio/video panel with wide-angle camera, white LEDs for night-time visibility, 2 call buttons and large backlit nameplate holder.
- one 100–240 VAC multi-plug power supply, AU/EU/UK/US standard (kit K40911) or power supply for DIN rail (kit K40931).

Main specifications

Video entryphone kit for monitor/panel connection using only 2 non-polarised wires. The kit can be expanded by adding another 2 monitors and 1 panel. The maximum distance between the panel and the last monitor is 100 m with 2 x 1 mm² wires. The panel can power an electric door lock and control an automated gate. The entrance panel can be connected to an additional outdoor camera (46CAM.136B.8), which is selectable from the monitors.

Power supply 100-240 VAC 50/60 Hz

Main specifications

Video entryphone kit for monitor/panel connection using only 2 non-polarised wires. The kit can be expanded by adding another 4 monitors (2 per call button) and 1 panel. The maximum distance between the panel and the last monitor is 100 m with 2 x 1 mm² wires. The panel can power an electric door lock and control an automated gate. The entrance panel can be connected to an additional outdoor camera (46CAM.136B.8), which is selectable from the monitors.

Power supply 100-240 VAC 50/60 Hz

Video entryphone kits

One-family video entryphone kit

- ▲ **K40910** One-family video door entry kit containing:
 - 1 metal surface mounting entrance plate with rainproof cover and 1 button, grey 40920.P1,
 - 1 surface mounting hands-free video entryphone with 7" LCD display with capacitive keypad, white,
 - 1 EU, BS, UK and AU multi-plugs power supply
- ▲ **K40930** As above, with 1 DIN (60715 TH35) rail power supply 40103



▲ K40910
▲ K40930

Two-family video entryphone kit

- ▲ **K40911** Two-family video door entry kit containing:
 - 1 metal surface mounting entrance plate with rainproof cover and 2 buttons, grey 40920.P2,
 - 2 surface mounting hands-free video entryphones with 7" LCD display with capacitive keypad, white,
 - 2 EU, BS, UK and AU multi-plugs power supplies
- ▲ **K40931** As above, with 2 DIN (60715 TH35) rail power supplies 40103



▲ K40911
▲ K40931

Monitor

K40917 - 7" hands-free touchscreen monitor

7" hands-free colour monitor, surface mounting, with touchscreen display. Can also be used as an additional monitor in one-family or two-family video entryphone kits: K40910, K40911, K40915, K4016, K40930, K40931, K40935, K4036. Equipped with touchscreen display for video entryphone functions: talk/listen, door lock release, automated gate opening, selection of additional outdoor camera, ringtone mute and intercom calls.

Main specifications

- 2-wire connection between monitor and panel, and between monitor and additional monitor.
- Maximum distance between panel and last monitor: up to 100 m with 1 mm².
- Possibility to connect up to 3 monitors per panel call button. Up to 3 monitors for one-family kits and up to 3+3 monitors for two-family kits.
- Power supply: with 100–240 VAC multi-plug power supply, AU/EU/UK/US standard (monitor K40917) or power supply for DIN rail (monitor K40937).
- 7" LCD TFT display, 1024x600 pixels (RGB).

- Manual/automatic recording of images and videos, with light indicating new images/videos.
- Internal memory for recording up to 100 images.
- Support for additional micro SD (SDHC) memory card from 8 to 32 GB. Storage of up to 1000 images/128 videos on additional memory card.
- Display brightness, contrast and colour controls.
- Talking/listening volume controls.
- Electronic ringtone: with the option of selecting different melodies for entrance panel, intercom or landing calls.
- "Do not disturb" function with indicator light.
- Language selection for monitor menus.
- Possibility to make intercom calls between monitors.
- Video signal switchable between the entrance panel and an additional external camera.
- Dimensions (with wall fixing bracket): 188.8x113.6x18.4 mm

K40912 - 7" hands-free colour monitor

7" hands-free colour monitor, surface mounting. Can also be used as an additional monitor in one-family or two-family video entryphone kits: K40910, K40911, K40915, K4016, K40930, K40931, K40935, K4036. Equipped with capacitive keypad for video entryphone functions: talk/listen, door lock release, automated gate opening, selection of additional outdoor camera, ringtone mute and intercom calls.

Main specifications

- 2-wire connection between monitor and panel, and between monitor and additional monitor.
- Maximum distance between panel and last monitor: up to 100 m with 1 mm².
- Possibility to connect up to 3 monitors per panel call button. Up to 3 monitors for one-family kits and up to 3+3 monitors for two-family kits.
- Power supply: with 100–240 VAC multi-plug power supply,

AU/EU/UK/US standard (monitor K40912) or power supply for DIN rail (monitor K40932).

- 7" LCD TFT display, 800 x 420 pixels (RGB).
- Display brightness, contrast and colour controls.
- Talking/listening volume controls.
- Electronic ringtone with different melodies.
- Possibility to make intercom calls between monitors.
- Video signal switchable between the entrance panel and an additional external camera.
- Dimensions (with wall fixing bracket): 205.2x128.1x20.9 mm.

40103 - Power supply unit

Power supply for installation on DIN rail, for powering a single monitor. In the case of systems containing multiple monitors, a power supply is required for each monitor.

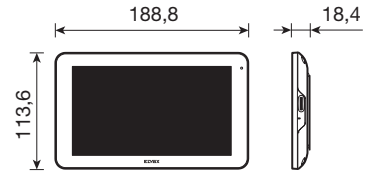
Main features

- Enclosure on 3-module DIN rail measuring 17.5 mm.
- Input voltage: 100–240 VAC 50/0.8 Hz
- Output voltage: 24 VDC 1 A.
- Dimensions: 55.5x90.8x53.8 mm.

Monitor

7" hands-free touchscreen monitor

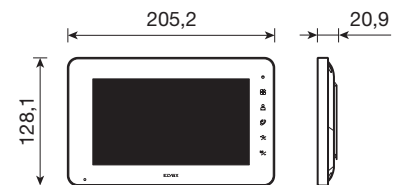
- ▲ **K40917** Surface mounting hands-free video entryphone, 7" LCD touch screen display, video door entry functions and intercom calls, EU, BS, UK and AU multi-plugs power supply, fixing bracket for round and rectangular boxes, white
- ▲ **K40937** As above, with DIN (60715 TH35) rail power supply 40103



▲ K40917
▲ K40937

7" hands-free colour monitor

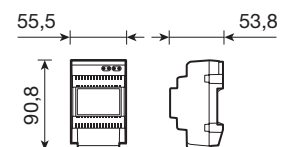
- ▲ **K40912** Surface mounting hands-free video entryphone, 7" LCD display with capacitive keypad, video door entry functions and intercom calls, EU, BS, UK and AU multi-plugs power supply, fixing bracket for round and rectangular boxes, white
- ▲ **K40932** As above, with DIN (60715 TH35) rail power supply 40103



▲ K40912
▲ K40932

Power supply unit for monitor

- ▲ **40103** Power supply 120/230 V~50/60 Hz for DIN (60715 TH35) rail installation



▲ 40103

Panels - outdoor camera - power supply

40920.P1 and 40920.P2 - External panels

Aluminium surface-mounting panels with rainproof trim, 1 (40920.P1) or 2 buttons (40920.P2). Can also be used as additional panels in one-family or two-family video entryphone kits: K40910, K40911, K40915, K4016, K40930, K40931, K40935, K4036. Equipped with wide-angle camera, white LEDs for night-time visibility and large backlit nameplate holder.

Main features

- 2-wire connection between panel and monitor.
- Maximum distance between panel and last monitor: up to 100 m with 1 mm².
- Possibility to connect up to 2 panels in the same system. Each button can be associated with up to 3 monitors.
- Powered from the monitor.

- Colour camera with 120° horizontal coverage angle, 1000 TV line resolution and white LEDs for night-time visibility.
- IP44 and IK07 protection rating.
- Speaker volume controls.
- The entrance panel can be connected to an additional outdoor camera (46CAM.136B.8), which is selectable from the monitor.
- Output for electric door lock control.
- Output 2 A 12 VDC (0.5–10 s) for auxiliary service.
- Surface mounting.
- Operating temperature -25°C to +55°C.
- Weight (without/with rainproof trim): 280 g/375 g.
- Dimensions (without/with rainproof trim): 160x90x20 mm/162.4x94.4x34.3 mm

46CAM.136B.8 - Outdoor camera

AHD outdoor bullet camera, Full HD 1080p, with 3.6 mm fixed lens. For connection to panels 40920.P1 or 40920.P2 using coaxial cable type RG59 or RG11. The camera is selectable from the monitors, with image switching between the entrance panel and the outdoor camera.

Main features

- High-performance 2.1 megapixel CMOS 1/2.7" sensor with 25/30 fps at 1080p.
- Integrated IR-CUT ensures that the camera functions correctly during the day and at night.

- Protection rating IP66.
- Long-lasting IR LEDs, offering superior brightness and a much longer life span compared with normal LEDs.
- Smart-IR, 20-meter IR range.
- CVBS/AHD video output.
- Power supply 12 VDC 230 mA ± 15% (IR ON).
- Operating temperature -10°C to +50°C.
- Weight: 350 g ± 15%.
- Dimensions: 152x68x82 mm.

Panels - outdoor camera - power supply

External panels

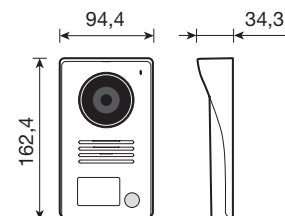
- ▲ **40920.P1** Metal entrance plate with rainproof cover and 1 button, wide-angle colour camera, IP44 and IK07, grey
- ▲ **40920.P2** As above, with 2 buttons



▲ 40920.P1



▲ 40920.P2

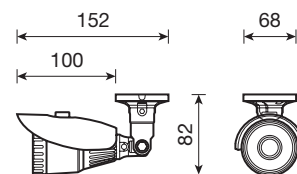


Outdoor camera

- ▲ **46CAM.136B.8** IR AHD Bullet outdoor camera, 1080p, 3,6 mm lens, CVBS



▲ 46CAM.136B.8



Power supply units for outdoor camera

- 46902.010** Switching-mode power supply unit 100-240 Vac 50/60 Hz, integrated Europlug 2P plug, output with standard jack connector 12 Vdc 1 A, 12 W maximum power
- ▲ **46ALI.010.BS** As above, British standard
- ▲ **46ALI.010.US** As above, American standard
- ▲ **46ALI.015.AU** As above, Australian standard

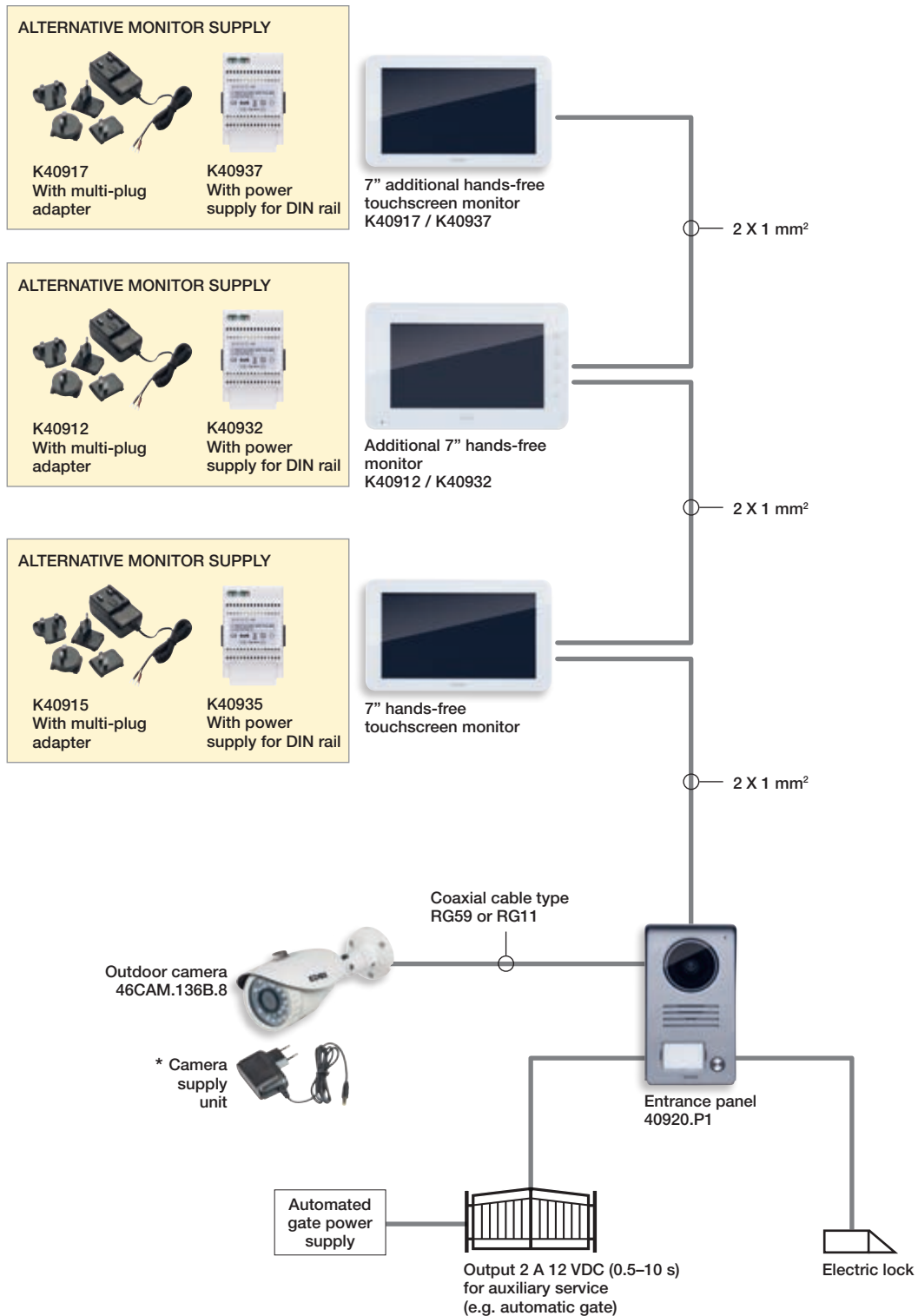


46902.010

Installation examples

One-family video entryphone system with 2 additional mixed monitors

The diagram illustrates the expansion of a video entryphone system consisting of the K40915 or K40935 one-family kit with 7" touchscreen monitor to which have been added 7" basic monitors or touchscreen intercom monitors, with connection to a self-powered electric door lock and automatic gate control.



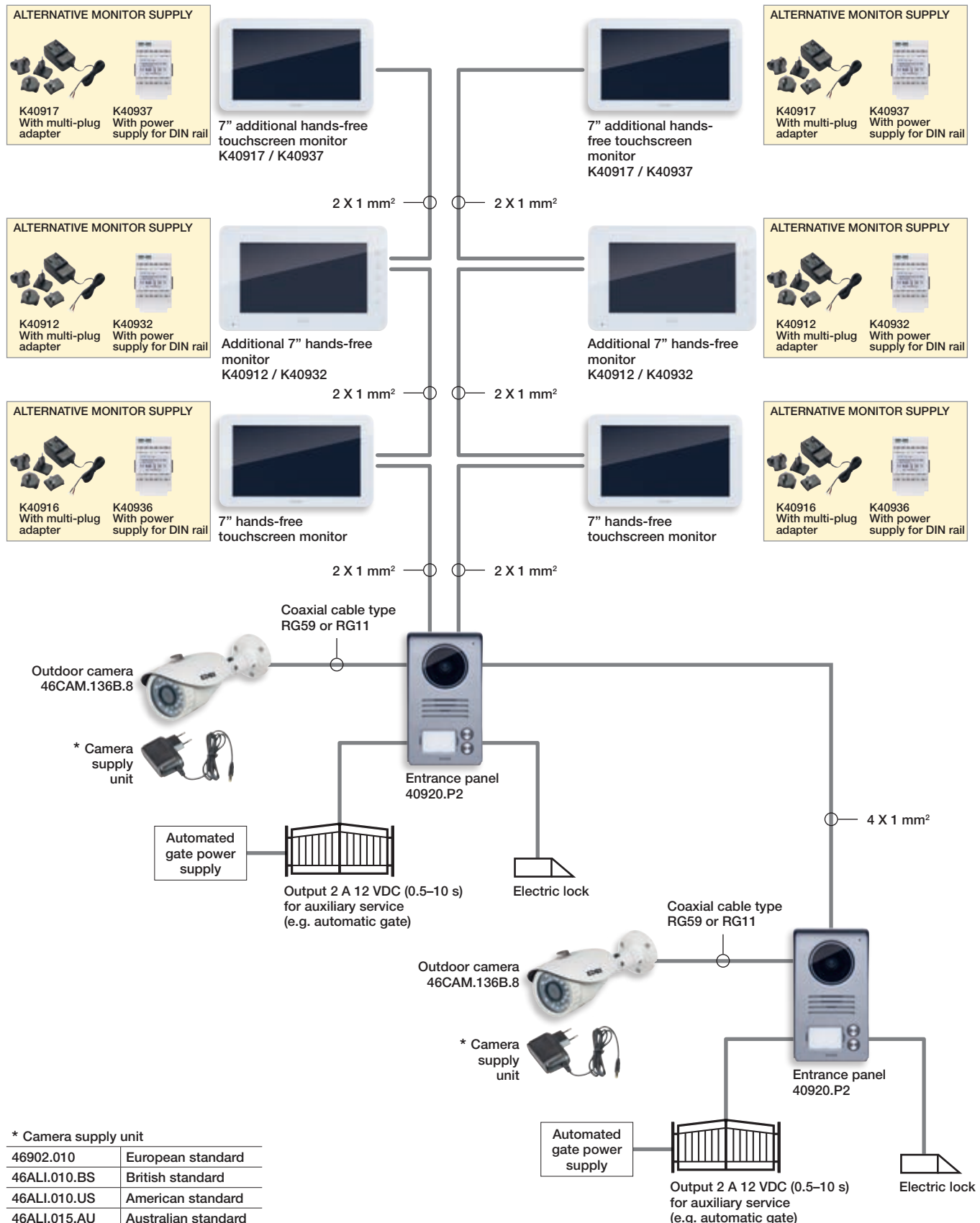
* Camera supply unit

46902.010	European standard
46ALI.010.BS	British standard
46ALI.010.US	American standard
46ALI.015.AU	Australian standard

Installation examples

Two-family video entryphone system with 2 additional mixed monitors.

The diagram illustrates the expansion of a video entryphone system consisting of the K40916 or K40936 two-family kit with 7" touchscreen monitor to which have been added 7" basic monitors or touchscreen intercom monitors controlled using each entrance panel call button, with connection to a self-powered electric door lock, automatic gate control and another entrance panel.



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