

MK-02

- * speakerphone
- * support two cameras (door stations)
- * adjustment call volume, brightness, color
- * panel material: plastic + aluminum
- * cover color: white
- * power supply for DIN rail included
- * wall mounting
- * dimensions: 245×160×18 mm

Works with all F&F gate stations

MK-10F

- * speakerphone
- * 7" wide TFT LCD color screen
- * 400 photos built-in memory
- * support two door stations (or 1 station + 1 CCTV camera)
- * intercom function
- * touch panel
- * control of the electro latch and automatic gate
- * cover color: black
- * monitor parameters adjustment (ringer volume, call volume, brightness, color)

Works with all F&F gate stations

- * can be expanded by 3 additional monitors or unifons
- * preview with the option of starting a conversation and opening gate
- * 4-wire installation
- * 14.5 V DC power supply
- * power supply for DIN rail included
- * dimensions: 241×161×23 mm

MK-310

- * speakerphone
- * 10" wide TFT LCD color screen
- * support two door stations (or 1 station + 1 CCTV camera)
- * intercom function
- * touch and backlit control panel
- * control of the electro latch
- * preview with the option of activating audio
- * 4-wire installation
- * flush-mounted (optional)
- * can be expanded by 3 additional monitors or unifons

Works with all F&F gate stations

- * monitor parameters adjustment (ringer volume, call volume, brightness, color)
- * 14.5 V DC power supply
- * power supply for DIN rail included
- * dimensions: 340×210×35 mm

UNIFONS**MU-01**

headset



- * electromagnetic control
- * support 2 door stations
- * adjust the ringer volume
- * works with monitors: all
- * 14.5V DC power supply
- * warranty: 24 months
- * dimensions: 100×200×45 mm

MU-02

speakerphone



- * speakerphone, hands without headset
- * electromagnetic control
- * 4-wire installation
- * support 2 door stations
- * adjusting intercom (call volume, tone)
- * dimensions: 160×120×42 mm
- * 14.5V DC power supply (external power supply)

APPLICATION

Intercoms works with all types of monitors.

KK-08



- Features:
- * 2-subscribers gate station
 - * image converter CCD color
 - * lens angle of view: approx. 60°
 - * resolution: 420 lines / lens 4.2 mm
 - * lens adjustment: horizontal and vertical (+/- 10°)
 - * backlight: 6 LED IR (infrared)
 - * electromagnetic door lock control with adjustable opening time 1÷99 sec
 - * backlit keypad and name signboard
 - * vandal-resistant front panel made of stainless steel
 - * flush mounting or surface mounting with cover
 - * opening gateway door with a PIN
 - * camera power supply: from monitor
 - * keypad power supply from an DC 12÷15 V external power supply
 - * output for additional bolt release button
 - * output for a timer defining temporary access
 - * dimensions: 120×250×51 mm
 - * installation rack dimensions: 110×240×46 mm

Works with all F&F monitors

KK-08K



- Features:
- * 1-subscriber gate station
 - * image converter CCD color
 - * lens angle of view: approx. 60°
 - * resolution: 420 lines / Lens 3.6 mm
 - * lens adjustment: horizontal and vertical (+/- 10°)
 - * backlight: 6 LED IR (infrared)
 - * electromagnetic door lock control with adjustable opening time 1÷99 sec
 - * backlit dial button and name signboard
 - * vandal-resistant front panel made of stainless steel
 - * flush mounting or surface mounting with cover
 - * built-in fingerprint reader
 - * reader capacity: max 900 fingerprints
 - * camera power supply: from monitor
 - * biometric reader power supply: from DC 12÷15 V power supply
 - * output for additional bolt release button
 - * remote control included (necessary for programming)
 - * dimensions: 120×250×51 mm
 - * installation rack dimensions: 110×240×46 mm

Works with all F&F monitors

KK-09



- Features:
- * 4-subscribers gate station
 - * image converter 1/3" color
 - * lens angle of view: approx. 87°
 - * resolution: 600 lines
 - * lens 3.6 mm
 - * lens adjustment: horizontal and vertical (+/- 10°)
 - * backlight: 6 LED IR (infrared)
 - * backlit dial buttons and name signboards (highlight color - blue)
 - * vandal-resistant front panel made of stainless steel
 - * flush mounting or surface mounting with cover
 - * ingress protection - IP65
 - * powered from an external DC 12÷15 V power supply
 - * dimensions: 120×250×51 mm
 - * installation rack dimensions: 110×240×46 mm

Works with all F&F monitors

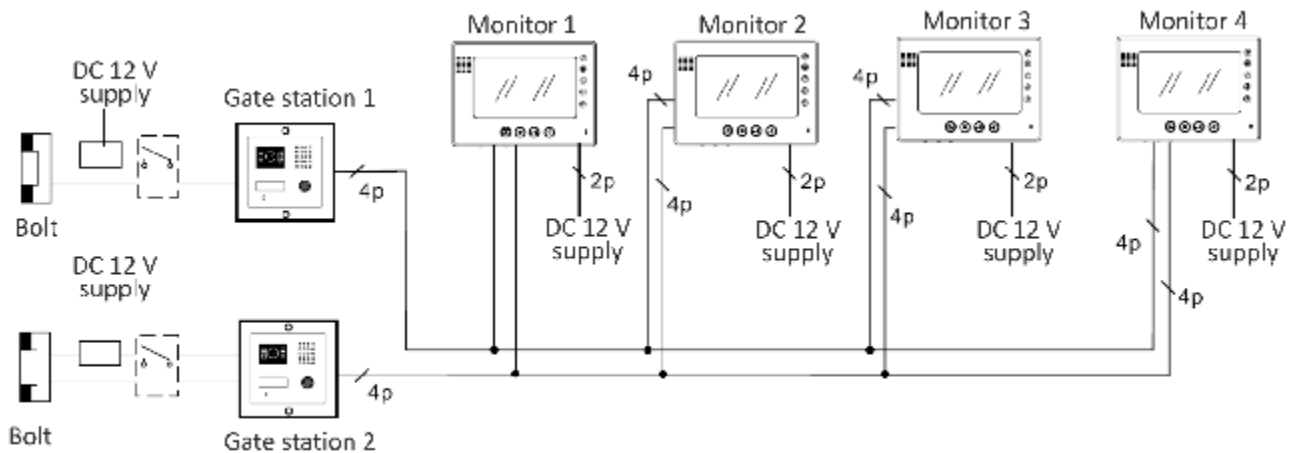
KK-10



- Features:
- * 4-subscribers gate station
 - * image converter 1/3" color
 - * lens angle of view: approx. 87°
 - * resolution: 600 TVL
 - * lens 3.6 mm
 - * lens adjustment: horizontal and vertical (+/- 10°)
 - * backlight: 8 LED IR (infrared)
 - * backlit dial buttons and name signboards (highlight color - blue)
 - * twilight sensor
 - * vandal-resistant front panel made of stainless steel
 - * flush mounting (there is no option for surface mounting)
 - * electromagnetic door lock control with adjustable opening time 1÷99 sec
 - * ingress protection - IP65
 - * powered from an external DC 12÷15 V power supply
 - * dimensions: 150×355×55 mm
 - * installation rack dimensions: 130×335×50 mm

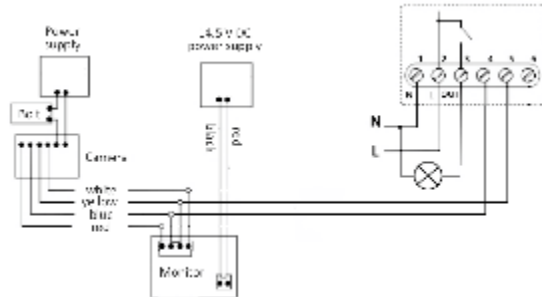
Works with all F&F monitors

Example wiring diagram



DSW-1 SIGNAL RELAY

The relay is designed for the F&F video intercoms. It activates an additional optical signaling (using light source) or sound signaling (using e.g. siren) at the time of the call from the gate station. At activation the contact switches every 1 sec. Duration can be adjusted in the range from 5 to 30 sec.



power supply	100÷265V AC
overload	2A
activation time - adjustable	5÷30sec
switching time on/off	1sec/1sec
power consumption standby/on	<0.2W/<0.6W
working temperature	-15÷50°C
terminal	2.5mm ² screw terminals
dimensions	67×50×26mm
mounting	two screws to substrate
protection level	IP20

CONNECTION SCHEME

