FUTURO IP
SECURITY INTERCOM

2ND GENERATION
IP VIDEO INTERCOM SYSTEMS &
IP OVER-2-WIRE VIDEO INTERCOM SYSTEMS

SPECIAL FEATURES
OF THE IP VIDEO INTERCOM SYSTEM

IP
VIDEO INTERCOM

EXCELLENT IMAGE QUALITY
- Fisheye camera, 2 MP, WDR, Night Vision

EASY CONTROLS
& MULTIPLE APPLICATIONS
- Mobile control / Access control
  / Elevator control / Dual lock control
- Public password / Duress password / Message
  / Do not disturb / Custom ringtone / More

FLEXIBLE COMBINATIONS
- Expansion-ready with various modules
- Multiple installation frames

ELEGANT UTILITARIAN DESIGN
- Artistic industrial design
- Reddot Award winner (indoor station)
- Designed for accessibility

IP OVER-2-WIRE
VIDEO INTERCOM

EXCELLENT IMAGE QUALITY
- Fisheye camera, 2 MP, WDR, Night Vision

EASY CONTROLS
& MULTIPLE APPLICATIONS
- Mobile control / Access control
  / Dual lock control
- Public password / Duress password / Message
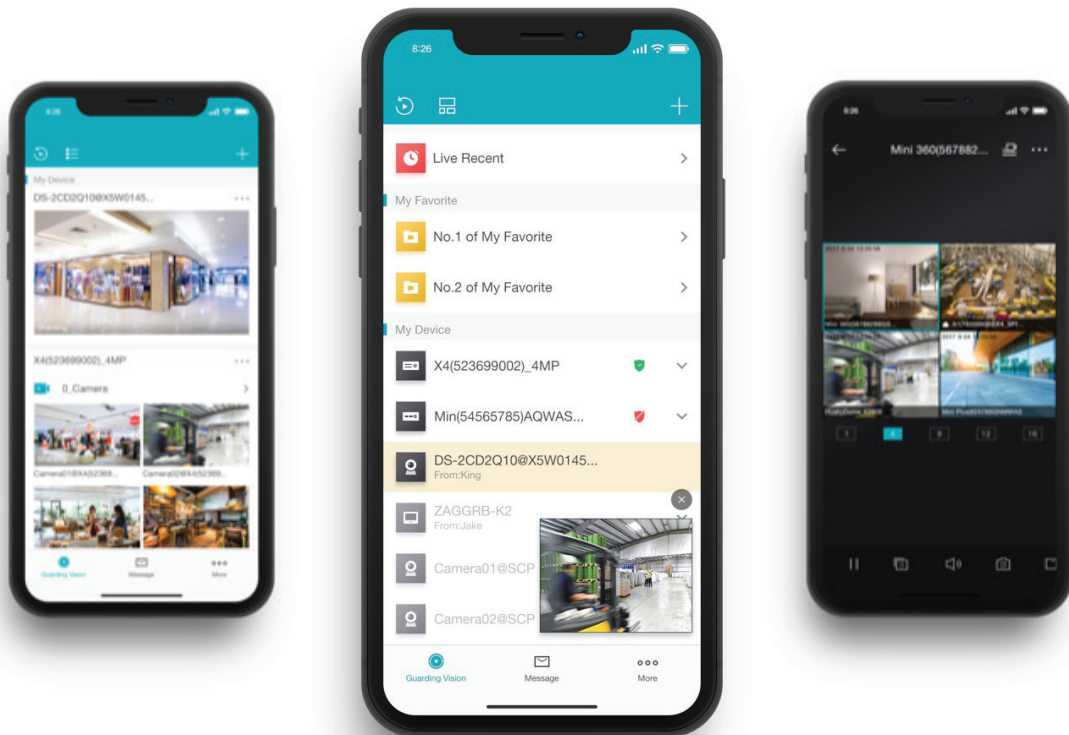 / Do not disturb / Custom ringtone

EASY INSTALLATIONS
- Can work with existing wiring
- Long-distance transmission

USER FRIENDLY DESIGN
- Touch screen, call-log status, image capture
- Expansion-ready with various modules

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EASY MANAGEMENT
THROUGH A MOBILE APP OR SOFTWARE

APPLICATIONS

Guarding Vision

Key Benefits

- Control your door remotely with the use of the Guarding Vision Mobile App

- Check and play back video of visitors while away

- Maintain and adjust basic functions using the Guarding Vision Mobile App

- Share the account with family members
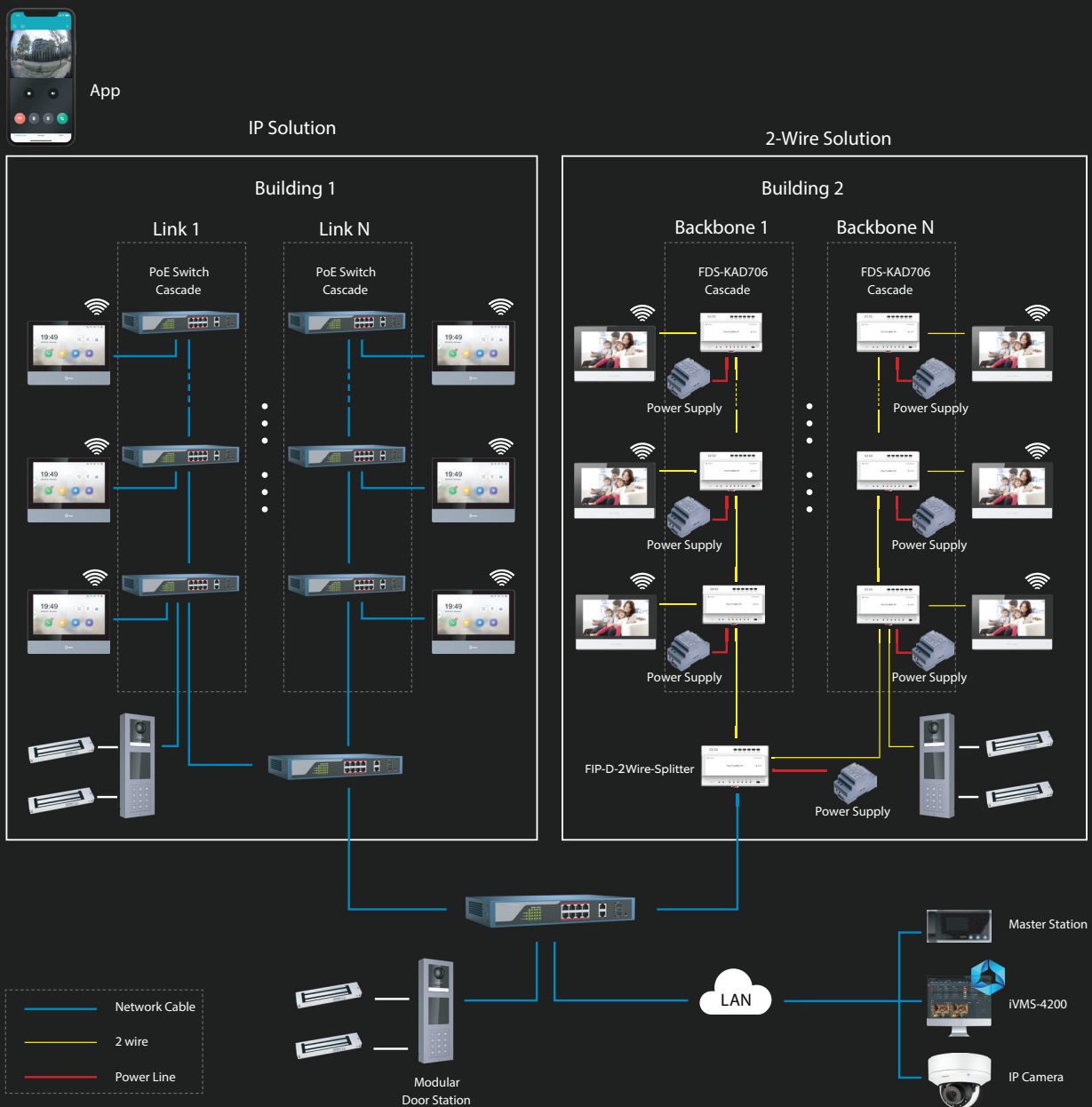
CENTRAL MANAGEMENT SOFTWARE

Guarding Vision

Key Benefits

- FREE application to manage all devices

- Modular System to select application features you need

- Community notifications to keep the tenants informed

FUTURO IP

HIGH-RISE APARTMENT SOLUTION
BASED ON SIMPLE & CONVENIENT DESIGN

FUTURO IP offers apartment solutions based on different technologies for various needs. For new apartments, IP solution based on standard PoE design is simple and convenient. For older buildings that lack proper network infrastructure, the 2-wire solution enables the re-usage of existing wiring. Multiple door stations can be installed for one building and residents can unlock them using card or password. Integration with an elevator control system makes the entire system even more secure. FUTURO IP Video Intercom Apartment Solution is a top choice for intercom and security system in buildings.

App

IP Solution

2-Wire Solution

Building 1

Building 2

Link 1   Link N

Backbone 1   Backbone N

PoE Switch Cascade

PoE Switch Cascade

FDS-KAD706 Cascade

FDS-KAD706 Cascade

Power Supply   Power Supply

Power Supply   Power Supply

Power Supply   Power Supply

FIP-D-2Wire-Splitter

Power Supply

	Network Cable
	2 wire
	Power Line

Modular Door Station

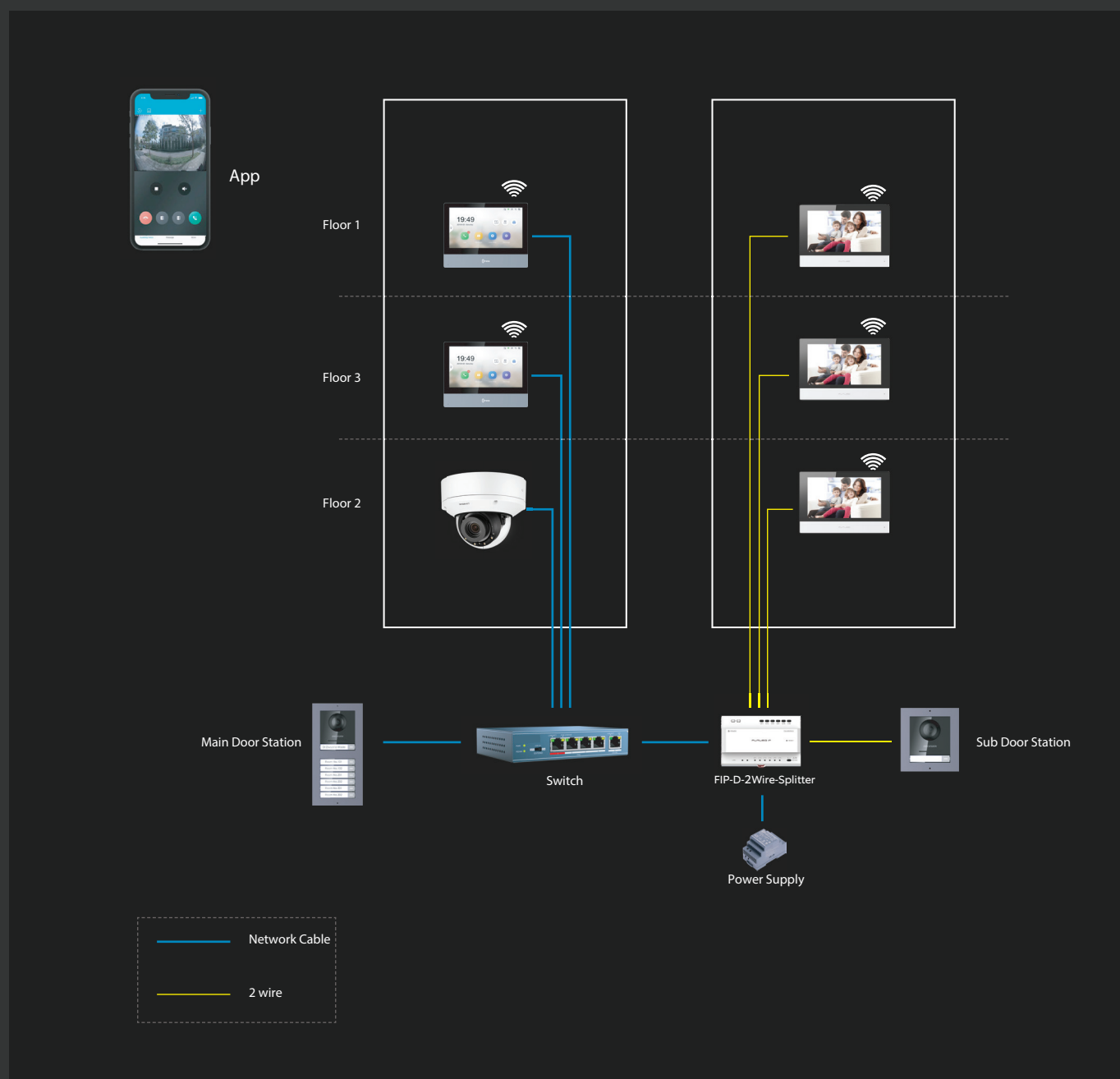LAN

Master Station

iVMS-4200

IP Camera

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BLOCK OF UNIT/TOWNHOUSE SOLUTION
DESIGNED FOR YOUR SECURITY & COMFORT

The villa solution provides thoughtful, useful functions for every member of the home. Users can call multiple indoor stations at the same time and unlock a door at any of the indoor stations. They can also receive all call information and unlock doors remotely and conveniently using the app on a mobile device.

The fisheye camera on the door station renders images clearly both day and night. Security and convenience come together in this IP Video Intercom Solution.

App

Floor 1

Floor 3

Floor 2

Main Door Station

Switch

FIP-D-2Wire-Splitter

Sub Door Station

Power Supply

Network Cable

2 wire

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MODULAR DOOR STATION
FLEXIBLE EXPANSION CAPABILITIES

FUTURO IP's modular intercom products excel at convenient installation and flexible expansion capabilities. The complete package features a main module with several extension modules ranging from the traditional nametag and keypad module to card readers and display modules, providing an abundance of functionality to customers.

Standard PoE (IP Version)	2 MP Camera with 180° Wide Angle and WDR	Driveway and Door Access Control	2-wire Version
Backlight function	Bigger Nametag	Sleek Designs	Extensive Modularity

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INDOOR STATION
EXCELLENT INTERACTIVE EXPERIENCE

These indoor stations received great comments for their clean and simple designs and for an excellent interactive experience. The 7-inch Ultra Series Indoor Station won the Reddot Award in 2017. The indoor stations support standard PoE (IP Version), 2-wire technology, and wall-mounted installation. The wireless connectivity makes installation and configuration quick and easy.

2-wire Version

Standard PoE
(IP Version)

Link with Alarm Sensors

32 GB SD Card

User-friendly Interface

Touch Screen
with 1024 * 600 Resolution

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IP INTERCOM SYSTEMS

FIP-L-Camera-IP

MODULAR DOOR STATION – MAIN MODULE

- 2MP Fish-eye Camera
- IR supplement
- IP65
- 12V DC or Standard PoE

FIP-M-8WiFi-Black

7" TOUCH-SCREEN STANDARD POE INDOOR STATION

- 7 inch Colourful TFT LCD
- Display resolution: 1024 x 600 pixels
- 10 / 100 Mbps Ethernet, Wi-Fi 802.11b/g/n
- Standard PoE (IEEE802.3af) / 12V DC
- TF card, max 32GB
- 8ch alarm input, 2 x alarm relays, 1 x 485

FIP-M-8WiFi-White

7" TOUCH-SCREEN STANDARD POE INDOOR STATION

- 7 inch Colourful TFT LCD
- Display resolution: 1024 x 600 pixels
- 10 / 100 Mbps Ethernet, Wi-Fi 802.11b/g/n
- Standard PoE (IEEE802.3af) / 12V DC
- TF card, max 32GB
- 8ch alarm input, 2 x alarm relays, 1 x 485

IP OVER-2-WIRE INTERCOM SYSTEMS

FIP-L-Camera-2Wire

2-WIRE MODULAR DOOR STATION – MAIN MODULE

- 2MP HD Colourful Camera
- Fish eye (Horizontal: 180°, Vertical:96°)
- IR Supplement
- Module connection with RS-485
- 4ch alarm input
- 2-Wire interface, IP65

FIP-M-8WiFi-2Wire-Black

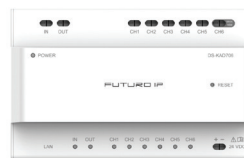**7" TOUCH-SCREEN 2-WIRE IP INDOOR STATION**

- 7 inch Colourful TFT LCD,
- Display resolution: 1024 x 600 pixels
- Wi-Fi Connection
- 2-Wire interface.
- TF card, max 32G
- 8ch Alarm input, 2x Alarm output

FIP-M-8WiFi-2Wire-White

7" TOUCH-SCREEN 2-WIRE IP INDOOR STATION

- 7 inch Colourful TFT LCD,
- Display resolution: 1024 x 600 pixels
- Wi-Fi Connection
- 2-Wire interface.
- TF card, max 32G
- 8ch Alarm input, 2x Alarm output

FIP-D-2Wire-Splitter

AGGREGATION 2-WIRE IP SPLITTER

- 6x 2-Wire cascade interfaces without device power supply
- 6x Interface indicators, 1x RJ-45 Interface, 1x Reset button
- Din rail mounting, 24VDC

FIP-D-2Wire-Distributor

2-WIRE IP DISTRIBUTOR

- 6x 2-Wire cascade interfaces with device power supply
- 2x Cascade interfaces for FDS-KAD706 / FDS-KAD706-S
- 8x Interface indicators, 1x RJ-45 Interface, 1x Reset button
- Din rail mounting, 24V DC

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PRODUCT SHOWCASE

MODULAR DOOR STATIONS

FIP-L-Keypad
KEYPAD MODULE –IP65
- Blind Spot Design
- Backlight function

FIP-L-Blank
BLANK MODULE –IP65
- Blank module is aesthetically designed to integrate as part of the Modular Door Station

FIP-L-Reader-Mifare
CARD READER MODULE (MIFARE) –IP65
- 13.56 MHz
- Backlight function

FIP-L-Name
NAME-TAG MODULE –IP65
- 6 Call Buttons
- Backlight function

FIP-L-Display
DISPLAY MODULE –IP65
- 3.5 inch LCD
- Backlight function

FIP-L-Info
INFORMATION MODULE –IP65
- Backlight function

MOUNTING ACCESSORIES

FIP-L-Surface1
SINGLE MODULE ACCESSORIES
- Used for surface mounting

FIP-L-Surface2
DUAL MODULES ACCESSORIES
- Used for surface mounting

FIP-L-Surface3
THREE MODULES ACCESSORIES
- Used for surface mounting

FIP-L-Flush1
SINGLE MODULE ACCESSORIES
- Used for flush mounting

FIP-L-Flush2
DUAL MODULES ACCESSORIES
- Used for flush mounting

FIP-L-Flush3
THREE MODULES ACCESSORIES
- Used for flush mounting

FUTURO IP

VIDEO INTERCOM STATIONS

FIP-G-Master

VIDEO INTERCOM MASTER STATION

- Glass panel and aluminum-alloy bracket
- Supports video intercom
- Supports live view of door stations and IP camera
- Noise suppression and echo cancellation
- Alarm processing function
- Supports remote unlocking door function
- Supports hands-free mode
- Supports video intercom between master stations
- (Optional) Suitable for wall mounting

FIP-L-Door-IP

IP RESIDENTIAL OUTDOOR STATION – IP65

- CMOS 2MP HD Colourful Camera
- 1-ch Indoor station access
- Wi-Fi 802.11b/g/n
- Standard PoE/ 12 VDC
- Mifare card reading module
- 10M/100M Self-adaptive Ethernet
- RS-485
- 4-ch alarm input, 1 relay for door lock control
- 2 indicator integrated

FIP-L-Reader-EM

CARD READER MODULE (EM) –IP65

- RFID card reader module for opening a door or gate
- 125Khz RFID
- Backlight Illumination
- Power and signal over 1 network cable with standard 802.3af PoE via camera module FIP-L-Camera-IP or FIP-L-Camera-2Wire

MISCELLANEOUS

FIP-C-Lift-Master

MASTER LIFT CONTROLLER (REQ SLAVE)

- Connects up to 2 Wiegand or RS-485 card readers
- Connects up to 3 groups. Each group connects up to 8 distributed controllers (DS-K2M0016A)
- 3 relay types: Button, Call Elevator & Auto Relay
- Up to 128 floor permissions can be controlled
- Can add 20,000 normal cards and save 50,000 events
- Watchdog and Tamper-proof function

Download datasheet for more details

FIP-C-Lift-Slave

SLAVE LIFT CONTROLLER – 16 FLOORS

- RS-485 communication with the master controller
- Connects up to 16 relays – supports 3 relay types: Button Relay, Call Elevator Relay & Auto Button Relay
- DIP switch settings for device address and relay types
- Up to 8 distributed elevator controllers can be linked to the master elevator controller (DS-K2210)
- Master elevator controller sends report to the system

Download datasheet for more details

FIP-M-Table8

TABLE BRACKET

- Material: SUS430
- Table stand brackets for :
  FDS-KH6320-WTE1, FDS-KH6320-WTE2, FDS-KH8520-WTE1
- Dimensions (W x H x D): 122mm x 86mm x 64mm
- Working Temperature: –10°C to +55°C (14°F to 131°F)

FIP-L-Hood1

SURFACE MOUNT SINGLE MODULE RAIN COVER

- Adapts to one-module (see modular door stations)
- Surface Mounted Protective Shield.
- Material: SECC
- Working temperature: –40°C to +60°C(–40°F to 140°F)
- Working humidity: 10% to 95%
- Dimension: 122 x 116.4 x 58 mm (4.80" x 4.58" x 2.28")
- Weight: 298.9 g

FIP-L-Hood2

SURFACE MOUNT TWO MODULE RAIN COVER

- Adapts to two-modules (see modular door stations)
- Surface Mounted Protective Shield.
- Material: SECC
- Working temperature: –40°C to +60°C(–40°F to 140°F)
- Working humidity: 10% to 95%
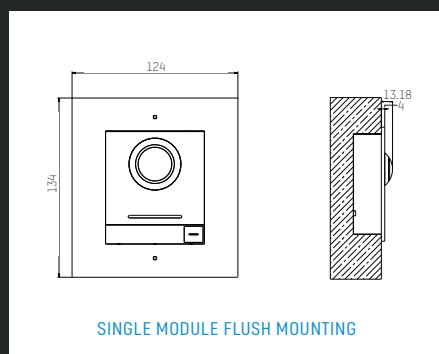- Dimension: 224 x 116.4 x 58 mm (8.82" x 4.58" x 2.28")
- Weight: 500g
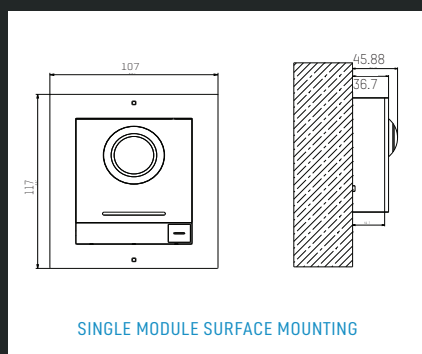
FIP-L-Hood3

SURFACE MOUNT THREE MODULE RAIN COVER

- Adapts to three-modules (see modular door stations)
- Surface Mounted Protective Shield.
- Material: SECC
- Working temperature: –40°C to +60°C(–40°F to 140°F)
- Working humidity: 10% to 95%
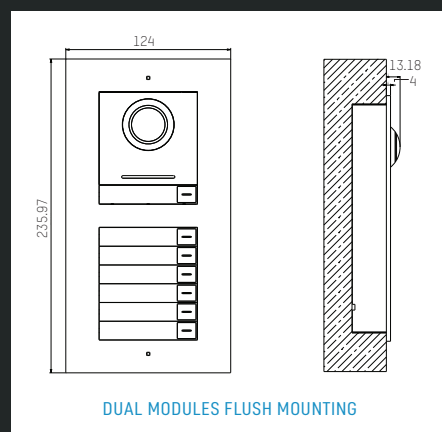- Dimension: 325.8x 116.4×58 mm (12.83" x 4.58" x 2.28")
- Weight: 702.3g

FUTURO IP

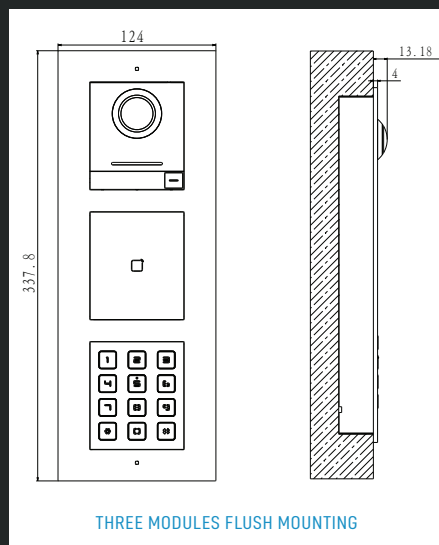# DIMENSIONAL REFERENCE FOR INSTALLATION
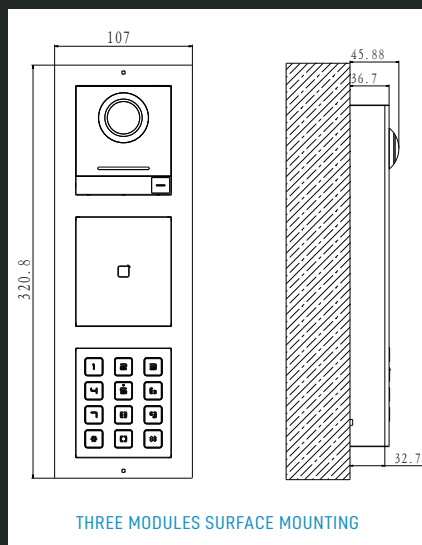

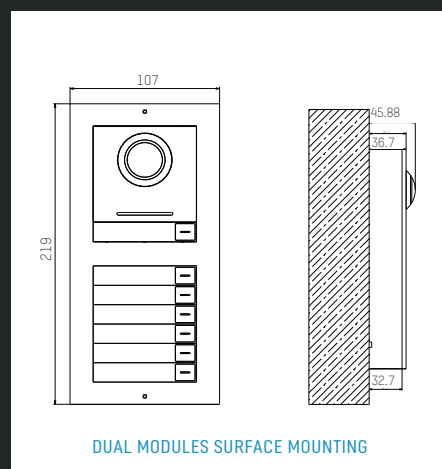SINGLE MODULE FLUSH MOUNTING

SINGLE MODULE SURFACE MOUNTING

DUAL MODULES FLUSH MOUNTING

THREE MODULES FLUSH MOUNTING

THREE MODULES SURFACE MOUNTING

DUAL MODULES SURFACE MOUNTING

TRANSMISSION DISTANCES

POWER LINE CABLE DISTANCE

WHEN MODULAR DOOR STATION & INDOOR STATION ARE POWERED BY A STANDALONE POWER SUPPLY, THE POWER LINE CABLE DISTANCE IS:

Cable Specification	18 AWG (0.8 mm²)	20 AWG (0.5 mm²)	24 AWG (0.2 mm²)
FIP-M-8WiFi Indoor Stations	50m	30m	15m
1 Main Unit + 8 Extension Modules	35m	25m	8m

TRANSMISSION DISTANCE

WHEN MODULAR DOOR STATION & INDOOR STATION ARE POWERED BY STANDARD PoE SWITCH, THE TRANSMISSION DISTANCE IS:

Cable Specification	CAT5e	CAT6
FIP-M-8WiFi Indoor Stations	100m	100m
1 Main Unit + 8 Extension Modules	80m	100m

LONG TRANSMISSION DISTANCE

THE LONG TRANSMISSION DISTANCE IS:

Cable Specification	24 AWG (0.2 mm²) TWISTED PAIR WIRE	20 AWG (0.5 mm²) TWISTED PAIR WIRE	18 AWG (0.5 mm²) TWISTED PAIR WIRE	24 AWG (0.2 mm²) & ABOVE PARALLEL WIRE
FIP-D-2Wire-D / FIP-D-2Wire-S	≤ 60m	≤ 60m	≤ 60m	≤ 35m
FIP-D-2Wire-S / FIP-D-2Wire-S	≤ 60m	≤ 60m	≤ 60m	≤ 35m
FIP-D-2Wire-D / FIP-L-Camera-2W	≤ 35m	≤ 60m	≤ 60m	≤ 35m
FIP-D-2Wire-D / FIP-L-Camera-2W	≤ 35m	≤ 60m	≤ 60m	≤ 35m

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