ALPHATECH TECHNOLOGIES s.r.o.
Jeremenkova 88, Praha 4, Czech Republic
www.alphatechtechnologies.cz

Fermax IP DP – a grand welcome

ALPHATECH TECHNOLOGIES s.r.o.
Jeremenkova 88, Praha 4, Czech Republic
www.alphatechtechnologies.cz

Features

- VoIP (SIP) modular door entry intercom system
- Built-in colour camera
- P2P or SIP proxy mode (PBX network system)
- Automatic illumination with white LEDs for the camera
- Pernament illumination of visit cards
- IP66 water-proof pushbuttons, gold-plated contacts
- More robust, luxurious and of greater esthetic and functional quality
- Highly weather resistant anodized alluminium profile
- Basic panel with 2 pushbuttons and a colour camera, integrated heating
- Basic panel expandable up to 10 pushbuttons without any add-on expansion electronics (C modules)
- Scablable system from 1 to 64 direct-dial pushbuttons
- Optional integrated keypad working as a dial keypad or a codelock
- Each pushbutton can have two 25-digit numbers programmed
- PoE (Power over Ethernet) or 12V power supply
- 2 relays for opening 2 electrical locks of the door
- Codelock function also via pushbutoons, up to 6 passwords
- Easy installation both outdoors and indoors.
- PopUp SW for on-line monitoring of the entrance
- Direct control of el. locks via the PC (PopUp SW)
- WEB based programming
- Operating system Linux 2.6
- USB connection of internal camera – USB Guest 1.1, software GSPCA
- SW for video transmission to the web browser in the PC
- W3CAM (J-PEG, RTSP stream) and stream H.263 (H.264)
- Integrated expansion C module on the main PCB electronics board of 1CP201.
- Add-on C-expansion modules (ref. FCM8) for system expandability up to 64 direct-dial pushbuttons.
- The basic version is supplied with two pushbuttons, a colour camera and a surface mounted installation box.

ALPHATECH TECHNOLOGIES s.r.o.
Jeremenkova 88, Praha 4, Czech Republic
www.alphatechtechnologies.cz

Reference numbers of selected basic and expansion panels

1CP201 – IP (SIP) communication panel with camera, power supply by PoE or 12V, speaker, mic and 1 doublepushbutton with codelock function.

1CP201

1P203 – expansion panel with 3 doublepushbuttons. Installation box excluded. Gold-plated contacts, IP66 waterproof pushbuttons.

1P203

1P204 – expansion panel with 4 doublepushbuttons. Installation box excluded. Gold-plated contacts, IP66 waterproof pushbuttons.

1P204

1VP201 – expansion panel with 1 doublepushbutton. Window hole for optional ref. F7444. Installation box excluded. Gold-plated contacts, IP66 waterproof pushbuttons.

1VP201

1V – expansion panel with window hole for optional ref. F7444. Installation box excluded.

1V

ALPHATECH TECHNOLOGIES s.r.o.
Jeremenkova 88, Praha 4, Czech Republic
www.alphatechtechnologies.cz

Technical parameters

Parameters	Values	Conditions
Communication interface	Ethernet 10BaseT, 100BaseTx	
VoIP protocol	SIP	
Video	series JPEG, stream H.263 (H.264)	
Bandwidth	300Hz – 3400 Hz	
Power supply - adapter	12VDC ± 2V , 12VAC ± 1V	
- or PoE	IEEE802.3af Altern. A + B	
Max. consumption	300mA	12VDC
Max. switched voltage with the switch	48V	when I < 1A
Max. switched current with the switch	2A	when U < 30 V
Operation temperature	- 20°C up to + 70°C	

Mechanical dimensions in mm of series 1

Panel	Flush mounted installation box	Surface mounted installation box	Weater protection hoods
valid for dimensions of all ref numbers of all panels with height 1 (series 1)	ref. F08843	ref. F7061	for one panel – ref. F8400
130(w)x128(h)	115(w)x114(h)x45(d)	130(w)x114(h)x33(d)	135(w)x130(h)
			for two panels – ref. 8408
			265(w)x130(d)

ALPHATECH TECHNOLOGIES s.r.o.
Jeremenkova 88, Praha 4, Czech Republic
www.alphatechtechnologies.cz