Alphatech 230102-IP-BOLD-T2 IP Bold Door Entry System (audio with two call buttons)



Product Name: Alphatech 230102-IP-BOLD-T2 IP Bold Door Entry System (audio with two call buttons)
Manufacturer: Alphatech
Model Number: 230102

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The Alphatech 230102-IP-BOLD-T2 IP Bold Door Entry System (audio with two call buttons) station is used for an easy way of communication both for companies and households. IP BOLD combines timeless alluminium design, modern technology , easy installation and maintenance. IP BOLD offers two relay contacts, PoE, full duplex audio, a wide angle colour camera and a optional numerical dialling keypad. You can use audio and video softphone apps for Apple (iOS), Windows or Android such as UDV SW, ZoiPer, Linphone or 3CX.
Alphatech 230102-IP-BOLD-T2 Key Features

ï¿½ full duplex audio with a suppression of acoustic shock
ï¿½ a phone book for up to 999 users (e.g. for keypad use)
ï¿½ each user can have up to 3 phone numbers assigned for progressive or concurrent/simultaneous calling
ï¿½ E-mail notification with an image attachement in case the user is out of reach
ï¿½ 10 time plans with a weekly program
ï¿½ 2+2 relay contacts, two physical for connecting two indepent electrical locks and two virtual relay contacts for relays synchronization or remote control of IP relays
ï¿½ the system of relays synchronization enables combining any type of mode (consecutive door opening, two impluses, etc.)
ï¿½ 10 edittable codes for each relay, also each user can have his own door entry code for each relay contact
ï¿½ COSW code-relay HW for safe activation of locks supported
ï¿½ Optional door sensor contacts for models with one or two call buttons
ï¿½ SNMP monitoring available
ï¿½ Real time clock from NTP server or SIP server
ï¿½ Advanced options for setup of call buttons´ functions, setup of level of illumination, call duration limitation, mode of dialling and codelock keypad, etc.
ï¿½ Setup of audio signalling including user loaded audio signalling or audio messages
ï¿½ Email client
ï¿½ Setup of video including video streaming
ï¿½ Language support
ï¿½ Easy uploading and restoration of configuration
ï¿½ Non-collision firmware upgrade
ï¿½ System logs can be stored to an optional MicroSD card
ï¿½ Storing images/video/audio to an optional MicroSD card
ï¿½ WEB based setup interface via a standard web browser
ï¿½ PoE (Class 0 - 12,95W) or 12V power supply
ï¿½ ETH – 10/100Mb with 10BaseT and 100BaseTx
ï¿½ Linux OS, system start in 3 seconds
ï¿½ Video transmission to the web browser – JPEG, video transmission to VoIP phones – H.263, H.264
ï¿½ SIP connection either in P2P or PBX (SIP server) mode, easily set via web based interface

Applications
The IP BOLD doorphone is a door entry phone station which is connected to the computer LAN network via a UTP Ethernet cable. It is designed to communicate over SIP VoIP protocol either in peer-to-peer mode (P2P) or in a SIP server mode (SIP client). The IP BOLD doorphone can communicate with all devices using the SIP standard. For example SIP video phones, PC

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computers with Windows OS. Via WiFi it can be linked to iOS smartphones and tablets (iPhone/iPad), Android smartphones and tablets. You can either use our Universal Door Video softphone application (UDV SW), or you can use 3rd party SIP softphone apps, e.g. ZoiPer, Linphone or 3CX. IP BOLD is suitable for all types of installations including office complexes, schools, hospitals, restaurants, hotels, apartment houses, etc
Relays switches
Relays switches play an important role in the doorphone system. You can control electrical door locks, gates, door-latches or lighting. The relays can be controlled via HTTP protocol (via keys of VoIP phone), by pressing a combination of call buttons of the doorphone or by entering an access code via the doorphone´s keypad. IP BOLD has two relay switches. The first relay is a switching contact NC COM NO, the second one is a closing contact COM NO.
Alphatech 230102-IP-BOLD-T2 - Technical Specifications

Electrical parameters:

ï¿½ Parameter Value Conditions
ï¿½ Comunication interface Ethernet 10Base-T, 100Base-Tx
ï¿½ VoIP protocol SIP
ï¿½ Audio G.711u, G.711a, G.726, GSM, G.729
ï¿½ Video series JPEG, MJPG, stream H.263, H.264
ï¿½ Bandwidth 300Hz – 3400 Hz
ï¿½ Power supply voltage - adapter 12VDC ± 2V , 12VAC± 1V - or PoE IEEE802.3af Class 0 -12W
ï¿½ Max. power consumption 300mA 12VDC
ï¿½ Max. closing voltage of the relay 48V at I < 1A
ï¿½ Max. closing current of the relay 2A at U < 30V
ï¿½ Operating temperatures range - 20°C to + 60°C
ï¿½ Mechanical dimensions (surface mount):
ï¿½ IP BOLD-Txx 204 x 135 x 20
ï¿½ IP BOLD-TKxx 279 x 135 x 20

Camera:

ï¿½ Video call resolution 640 x 480 (0,3MPx)
ï¿½ Lens angle 110°H, 110°V
ï¿½ Number of frames 1 – 15 frames/sec
ï¿½ Connection of internal camera USB 2.0
ï¿½ Illumination (night vision) 4 white LEDs

Price: £403.50