



IP BOLD | IP DoorPhone

iBell



- The communicator is designed to secure entry into buildings, apartments and protected technical parts of buildings such as warehouses, workshops, garages, etc. It is designed to be mounted on an exterior wall near the entrance door.
- The entrance communicator is able to work both autonomously and connected to the IP PBX of the telephone exchange.
- Allows you to make a video call with desktop IP phones or user applications (Windows, Android, iOS).
- The communicator allows the door to be opened using a code on the keyboard, an RFID card, an NFC chip (mobile phones) or by the operator using a DTMF code during a call.
- It can switch on the lock relay (open the door) and use the door contact to check that the door has subsequently closed.
- The communicator is configured using its web interface.
- For integration into larger home units, the communicator offers standard MQTT, SNMP and HTTP interfaces.

Technical parameters	IP BOLD / IP BOLD HD
Power	
Supply voltage:	12 V AC/DC 10 %, 1 A
PoE injector:	24 V 10 %, 1 A
PoE standard:	IEEE 802.3af alternatively A + B
Internal consumption:	max. 300 mA
Door lock supply voltage:	max 500mA, max 1A at 12VDC, 2A supply voltage
Electrical interface	
2x Lock relay:	12 VDC, 1 A, NO/NC
2x Door contact:	optional, potential free
Ethernet:	Ethernet 10BaseT, 100BaseTx
Audio:	300 Hz - 3400 Hz, 1 W/ 8 Ω
Video:	camera 640x480
Video (HD version):	800x600 Fisheye
Data storage:	SD card
Controls	
Bell buttons:	optionally 1 to 4
Extended buttons:	optionally up to 64
Code keyboard:	optional
RFID reader 13.56 MHz	optional
Light sensor:	panel backlight control
Configuration	
Interface:	ethernet
Software:	web browser
Application:	web server
Communication protocols	
VoIP protocol:	SIP 2.0 RFC3261
Audio:	G.711u, G.711a, G.726-32b, G722, G729
Video:	JPEG, MJPEG, H.263, H.264
Control:	DTMF, SNMP, SMTP
Ethernet:	DHCP, DNS, VLAN, NAT, STUN
Integration into larger units	
PBX:	SIP 2.0, RTP video, RTP audio, DTMF
Home systems:	MQTT, SNMP, HTTP
User functions:	
Calls:	Audio/Video, Video Preview
Control:	lock switching, door contact detection
Operator information:	acoustic signal, e-mail, switches the actor
Other data	
Operating temperature:	-20 to +80 °C
Operating position:	vertical
Mounting:	to the wall using the mounting plugs
Protection:	IP40
Connection:	screw clamp
Dimensions:	130 x 200 x 20 mm
Weight:	500 g

Connection

