

Handsfree telephone *HVI-TEC 21120IP*

DOOR STATIONS FOR OFFICE BUILDINGS & COMMERCIAL BUILDINGS

Full keypad, 12 key heavy-duty metal keypad and button.

Handsfree telephone in SIP standard for integration into a data network. Telephone configuration with WEB frontend.

- Moisture-proof housing; Speakers, buttons – IP 65
- High volume and background noise cancellation
- Full keypad with auto-dial options available
- Duplex HD Voice, voice quality



Number of call buttons may differ from the picture

Door communication in obstacle-free buildings

The Disability Equality Act requires that in public and private buildings open to the public as well as in larger apartment buildings, barrier-free access and use is guaranteed for everyone. Special telephones play a major role here: In order to make it easier for people with disabilities to operate a door intercom system, we recommend the following equipment:



Option BehiG



Blind cover
2000BC/2100BC



On wall box, for surface mounting
2000AP/2100AP



In wall box for flush mounting
2000UP/2100UP

A company's entrance is what customers see first. An exclusive and customized door intercom acts like a business card and leaves a first positive impression. The HVI-TEC door intercoms are made of pure stainless steel and impress with their quality, elegant design, durability and protection against vandalism. The front panels are finished with a fine vertical cut, the call buttons are polished. The exclusive door stations are available with analogue and IP technology. On request, with optional customer-specific engravings, lettering, decorations and digital printing, each door station can be delivered with a personal touch, we will be happy to advise you.

HVI-TEC door stations are integrated into your existing telephone or data network and enable both communication with customers waiting in front of the door and opening the door by phone or smartphone. Choose your perfect door station from the numerous technical features!

Option: Know who rings the bell when you are on the road

Would you like to see who is ringing before opening the door? Thanks to a door station with an IP camera, you always have an eye on the entrance area even during the lunch break! A door station with an IP camera and SIP app makes it possible to transmit images and speech to your smartphone in a smart and secure manner.

Technical data

Functions

- Status / remote control messages for integration with third-party software
- 9 voice announcements, each up to 40 seconds long, can be saved
- 10MB shared flash memory for phone book and voice announcements
- Configuration can be saved in a file

Speech codecs

- Speaker volume configurable in 10 levels
- Microphone sensitivity configurable in 10 levels
- G.711 (A-law, μ -law)
- G726 (32kbps)
- G.721
- DTMF In-band and out-of-band (RFC 2833), SIP info
- Full duplex, Acoustic Echo Cancellation (AEC)

Electrical characteristics

- Power supply via Power over Ethernet (PoE according to IEEE 802.3af)
- max. power consumption: 12W
- SIP station: 5W
- Device at PORT2: max. 7W
- with SPL microphone units PoE-Plus IEEE802.03 at-2009
- max. input:
 - SIP station 5W
 - 15W amplifier, port 2 must not be used
- max. switching capacity of the relays:
 - 60W / 62.5VA, max. 60VDC / 50VAC max. 2A
- Input voltage alarm input: 5VDC - 24VDC
- Operating temperature: -20°C to +50°C
- TNV-1: with TNV-1 circuits, the SIP call station be grounded via the GND connection
- EMC: EN 55022 A / B, EN 55024
- Safety: EN 60950

Housing, stainless steel pillars, rain protection, cover, etc. available as accessories

Network

- Auto provisioning via DHCP option 66 or via configured server
- Configurable backup SIP server
- Firmware update via web interface
- Integrated switch with support for tagged VLANs
- MAC address (IEEE 802.3)
- IPv4 Internet Protocol Version 4 (RFC 791)
- ARP Address Resolution Protocol
- DNS A record (RFC 1706)
- DHCP Client Dynamic Host Configuration Protocol (RFC 2131)
- TCP Transmission Control Protocol (RFC 93)
- UDP User Datagram Protocol (RFC 768)
- RTP Real Time Protocol (RFC 1889) (RFC 1890)
- RTCP Real Time Control Protocol (RFC 1889)
- DiffServ (RFC 2475)
- SNTP Simple Network Time Protocol (RFC 2030)
- SIPv2 Session Initiation Protocol Version 2 (RFC 3261, 3262, 3263, 3264)
- SIP in NAT networks (STUN)
- SNMPv2 Simple Network Management Protocol (RFC 1901, RFC 1905, RFC 1906)
- SIPS SIP secure (RFC 3261, RFC 5630)
- sRTP secure Real Time Protocol (RFC 3711)
- 802.3X Port Authentication (PEAP, EAP-TLS)
- Numbers according to E.164
- Interface to the EBS ControlCenter

Security and administration

- Password protection for admin access
- Web browser supported administration (HTTPS protected)

Physical connections

- RJ-45 port for Ethernet 100baseT (IEEE 802.3)
- Screw terminals for contacting the relays

Dimension	Series 21XXX (large)
Handsfree telephone faceplate	305 x 140mm
Surface-mounted housing	305 x 140 x 62mm
Recessed-mounted housing	279 x 114 x 50mm

Ordering data	Article number
Handsfree telephone 21120 analog	21120
Handsfree telephone VoIP 21120	21120IP
Handsfree telephone VoIP 21120 with IP video camera	21120IPC
On wall box, for surface mounting	2100AP
In wall box for flush mounting	2100UP
Rain cover	2100RD
Blind cover	2100BC

Option BehiG: Large, self-explanatory pictograms make it easier for people with disabilities to distinguish between the phases „call“, „conversation“ and „door opening“. An additional voice announcement can be used to greet the visitor and help them find their way around.