HVI-TEC Luescher

High **V**andal resistance and **I**ngress protection - **Tec**hnology
High **V**oltage **I**nterface - **Tec**hnology

Handsfree telephone *HVI-TEC 2016/2116*

HVI-TEC DOOR STATIONS FOR OFFICE BUILDINGS & COMMERCIAL BUILDINGS
6 programmable direct call button

• Moisture-proof housing; Speakers, buttons – IP 65
• High volume and background noise cancellation
• Analog telephone electronics, can be connected directly to any POTS line

• Duplex HD Voice, voice quality
• Remote programmable direct call buttons

INOX 1.4301

IP65

IK 10

POTS a/b

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

Connection type:	analog telephone network, a/b interface
Power supply:	via the a/b interface
Loop voltage:	20 - 70VDC
Loop current:	20 - 60mA
Additional supply:	12 - 15VDC potential-free HVI-TEC power supply or other additional supply in connection with HVI-TEC DC/DC converter; per power supply a door station possible
Completion:	Zr after TBR 21
Detected call signal:	cannot be specified precisely, since it depends on the amplitude, frequency and duration of the call signal
Detected busy signal:	400 - 450Hz sine
Recognized busy signal duration:	signals with 160 - 700ms tone or 160 - 700ms pause
Dialing method:	DTMF, 50/50ms (tone/pause)
Built-in relays:	2 pieces (2 switching relays)
Relay switching capacity:	max. 60VA 24W: 0,5A 120VAC or 1A 24VDC (ohmic load)
Additional care on MLMs:	max. current load 30mA per MLMS
Memory:	number memory without battery EEprom, non-volatile
IP protection class:	65
Operating temperature:	-20°C to +50°C
Tested according to:	TBR 21 and EG 201 121 (network access EU-wide) EN 55022, EN 55024 (electromagnetic compatibility) EN 60950 (electrical safety)
Programming:	programmable by phone with tone dialing and using buttons on the circuit board (back of the phone)
Dialing a stored number at the touch of a button:	Up to 8 buttons are supported, the buttons can also be equipped with dot or ring lighting if required (Option Bel.)

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

Dimension	Series 21XX (large)	Series 20XX (small)
Handsfree telephone faceplate	305 x 140mm	280 x 120mm
Surface-mounted housing	305 x 140 x 62mm	280 x 120 x 62mm
Recessed-mounted housing	279 x 114 x 50mm	256 x 104 x 50mm

Ordering data	Article number Series 21XX (large)	Article number Series 20XX (small)
Handsfree telephone 2016 analog		2016
Handsfree telephone 2116 analog	2116	
Handsfree telephone 2016 VOIP		2016IP
Handsfree telephone 2116 VOIP	2116IP	
Handsfree telephone 2016 VOIP with IP video camera		not available
Handsfree telephone 2116 VOIP with IP video camera	2116IPC	
On wall box, for surface mounting	2100AP	2000AP
In wall box for flush mounting	2100UP	2000UP
Rain cover	2100RD	2000RD
Blind cover	2100BC	2000BC

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.