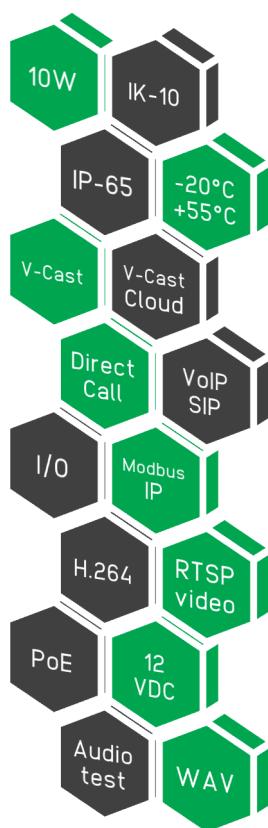


VCVI-1S

IP Vandalproof intercom, 1 button



- Front panel made of 2mm stainless steel
- 1 button with LED
- VoIP, SIP
- 10W class D amplifier
- 2 relays
- IP-65
- IK-10
- Loudspeaker and microphone poke protection
- PoE



VCVI-1S is an IP Vandalproof intercom with 1 button designed for voice communication via the IP network infrastructure. Its vandalproof and waterproof design is made of acid-resistant, stainless steel (grade 1.4301), which enables continuous use in difficult conditions. The intercom is designed for surface or flush mounting, depending on the selected housing.

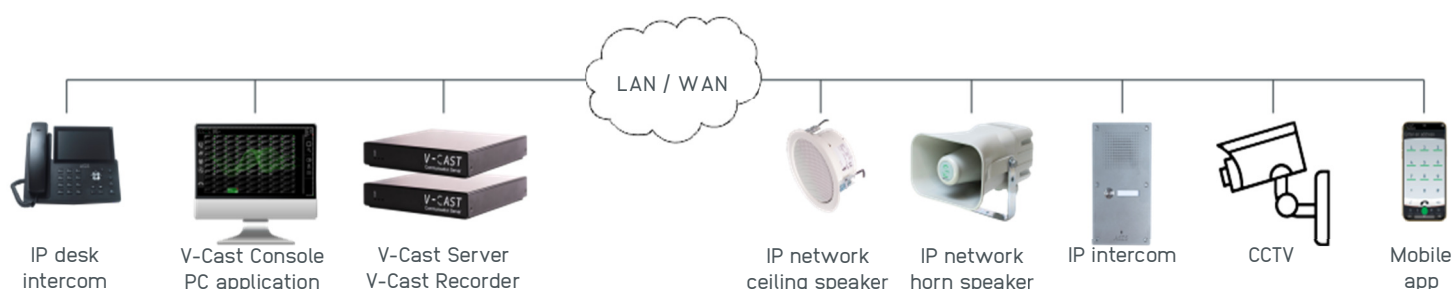
The intercom can be registered in the V-Cast server, the V-Cast Cloud service as well as in a standard VoIP telephone exchange supporting the SIP protocol. It can also work in serverless Direct Call mode (Peer-To-Peer P2P), in which the connection is established directly between devices.

VCVI-1S allows to make individual calls, group calls, and general calls, as well as storing recorded voice and alarm messages in the internal memory. Messages can be played depending on the current device status, activated by the operator during a call, or via HTTP.

The intercom supports several operating modes that can be used depending on current needs such as conversation, Push-To-Talk, listening, paging, broadcast. The intercom allows you to make VoIP video calls. During the call, an RTSP video stream is downloaded from the CCTV camera, which together with the audio is sent to the videophone.

The intercom enables intelligible voice communication thanks to the transmission of sound in a wide acoustic band, and an efficient class D power amplifier, which provides very high volume. The intercom supports two different echo cancellation algorithms, including AEC and attenuate, ensuring very good quality of voice communication.

The VCVI-1S intercom module has 2 relays for controlling external devices, 3 inputs for connecting buttons/external sensors and systems, and a 4x4 numeric keypad connector that can also serve as an additional 14 inputs.



TECHNICAL PARAMETERS

AUDIO		ELECTRICAL	
Power amplifier:	10W class D	Power supply:	PoE (IEEE 802.3af standard, Class 0) or 12VDC
Audio codecs:	g.711a, g.711u, g.722, g.726	Power consumption:	1W (nominal), 15W (max)
Volume adjustment:	Independent for conversation, ring, tones, prerecorded audio files, paging, emergency message volume, microphone input gain, microphone input gain in listen mode	MECHANICAL	
Operating modes:	Conversation,	Dimensions (W x H x D):	215 x 115 x 52mm
	Push-To-Talk,	Weight:	0,9kg
	Paging,	Front panel:	2mm, acid-resistant, stainless steel, grade 1.4301
Audio diagnostics:	Broadcast,	Montage:	Surface or flush mounting
	Emergency,	IP rating:	IP-65*
	Listening-in	IK rating:	IK-10**
	Audio files playback	ENVIRONMENTAL	
	Noise detection	Operating temperature:	-20°C do +55°C
	Verification of the audio path (speaker-microphone)	Relative humidity:	5% - 90% not condensing
VIDEO		PROTOCOLS	
Camera:	IP-RTSP	IP protocols:	ARP, IPv4, ICMP, IGMP, TCP, UDP, DHCP, DNS, SIP, HTTP, Telnet, RTP, RTCP, SNTP, Modbus TCP, Modbus UDP
Video codecs:	H.264	SIP protocols:	RFC 3261, SIP Info (DTMF), RFC 2833 (DTMF)
CONNECTORS		IP address:	Static, DHCP
Ethernet:	1x RJ45 (100Mbps)	Management:	http, telnet
Power In:	1x	CERTIFICATES	
Power Out:	1x (12VDC)	CE	
Digital inputs:	3x + 14x (keyboard connector)	* Applies when mounted in surface-mounted housing with rain hood (VCVI_WB + VCVI_WBRH) ** Does not apply to the button	
Relay:	2x NO/NC (60V, 100mA)		
InfoLED output:	1x		

ACCESSORIES

Item number	Name
VCVI_FB	Flush mounting back box for VCVI
VCVI_FBRH	Rain hood for flush mounting back box VCVI_FB
VCVI_WB	Surface mounting back box for VCVI
VCVI_WBH	Surface mounting housing for VCVI-WB
VCVI_WBRH	Surface mounting housing with rain hood for VCVI-WB

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