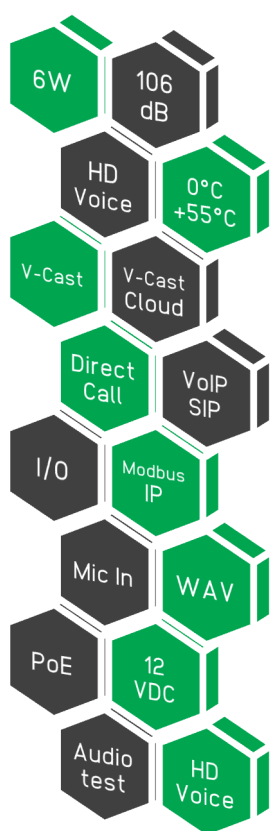


VCLCE061P

IP network ceiling speaker, 6W



- VoIP, SIP
- Class D amplifier
- Microphone input
- Storing audio messages in internal memory
- 2 relays
- 17 inputs
- Powder-coated metal housing
- PoE



VCLCE061P is an IP network ceiling speaker designed for broadcasting messages via the IP network infrastructure. The loudspeaker is made of high quality powder coated steel and has a fire shield with a sling steel. The exceptional spring mounting with cropped leg springs guarantees an outstanding rapid ceiling installation.

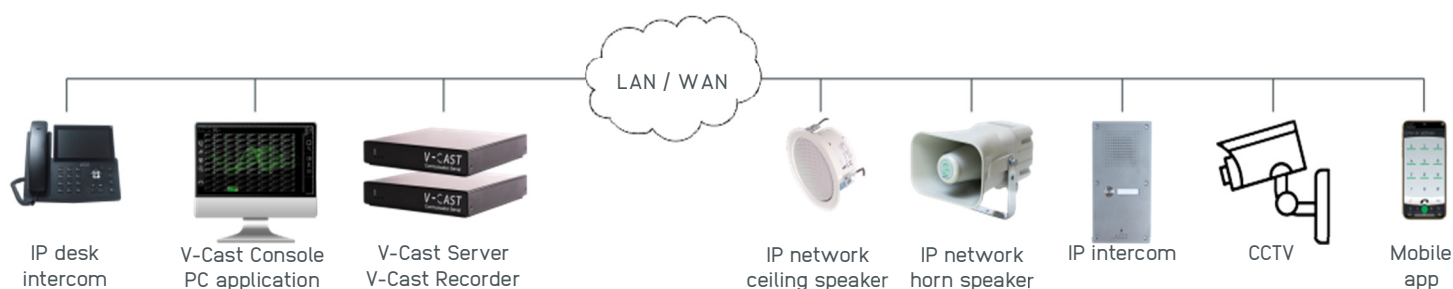
The speaker can be registered in the V-Cast server, the V-Cast Cloud service as well as in a standard VoIP telephone exchange supporting the SIP protocol. It can also work in serverless Direct Call mode (Peer-To-Peer P2P), in which the connection is established directly between devices.

VCLCE061P 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 speaker supports several operating modes that can be used depending on current needs such as conversation, Push-To-Talk, listening, paging, broadcast. Connecting external microphone to the loudspeaker enables listening in, 2-way conversation, and it is possible to perform an audio test.

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

The speaker 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

SPEAKER

Nominal power: 6W
Frequency range: 380-22500Hz
SPL (1W/1m): 99dB
SPL (max): 106dB
Radiation angle: 175°

AUDIO

Power amplifier: Class D
Audio codecs: g.711a, g.711u, g.722, g.726
Volume adjustment: Independent for conversation, ring, tones, prerecorded audio files, paging, emergency message volume, microphone input gain, microphone input gain in listen mode

Operating modes:

Conversation,
Push-To-Talk,
Paging,
Broadcast,
Emergency,
Listening-in
Audio files playback

Audio diagnostics:

Noise detection
Verification of the audio path (speaker-microphone)

VIDEO

Camera: IP-RTSP
Video codecs: H.264

CONNECTORS

Ethernet: 1x RJ45 (100Mbps)
Power In: 1x
Power Out: 1x (12VDC)
Digital inputs: 3x + 14x (keyboard connector)
Relay: 2x NO/NC (60V, 100mA)
InfoLED output: 1x
Microphone input: 1x electret
Keyboard: Matrix 4x4 with backlit
I2C connector: 1x
USB connector: 1x
Cable glands: 2x

ELECTRICAL

Power supply: PoE (IEEE 802.3af standard, Class 0) or 12VDC
Power consumption: 1W (nominal), 15W (max)

MECHANICAL

Dimensions (Ø x D): Ø 220 x 100mm
Mounting hole: Ø 197 - 207
Weight: 1,3kg
Encapsulation material: Powder coated steel, RAL-7035, color: white other colors on request
Montage: Flush

ENVIRONMENTAL

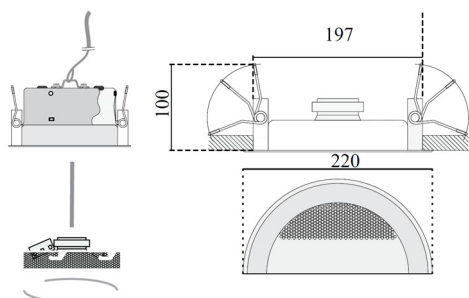
Operating temperature: 0°C to 55°C
Relative humidity: 5% - 95% not condensing

PROTOCOLS

IP protocols: ARP, IPv4, ICMP, IGMP, TCP, UDP, DHCP, DNS, SIP, HTTP, Telnet, RTP, RTCP, SNTP, Modbus TCP, Modbus UDP
SIP protocols: RFC 3261, SIP Info (DTMF), RFC 2833 (DTMF)
IP address: Static, DHCP
Management: http, telnet

CERTIFICATES

CE



Would You like to know more?



ADVANCED
SECURE
COMMUNICATION
SOLUTIONS

ASCS Sp. z o.o.
Żwirki i Wigury 65A
43-190 Mikołów
Poland

www.v-cast.pl/en
www.ascs.pl
ascs@ascs.pl
tel.: +48 32 442 00 24

OTHER IP NETWORK SPEAKERS



IP network horn
speaker
VCLH301P



IP network wall
speaker
VCLWL061P



IP network projector
speaker
VCLDW101P



IP network music horn
speaker
VCLMLH301P



IP network column
speaker 10W
VCLSC101P



IP network column speaker
20W
VCLSC201P