

# VCCS1000

## V-Cast Communication Server



- Up to 100 simultaneous connections
- Up to 1024 registered subscribers
- Wide functionality of the system
- Low power consumption up to 12W
- Can be installed in RACK 19 "

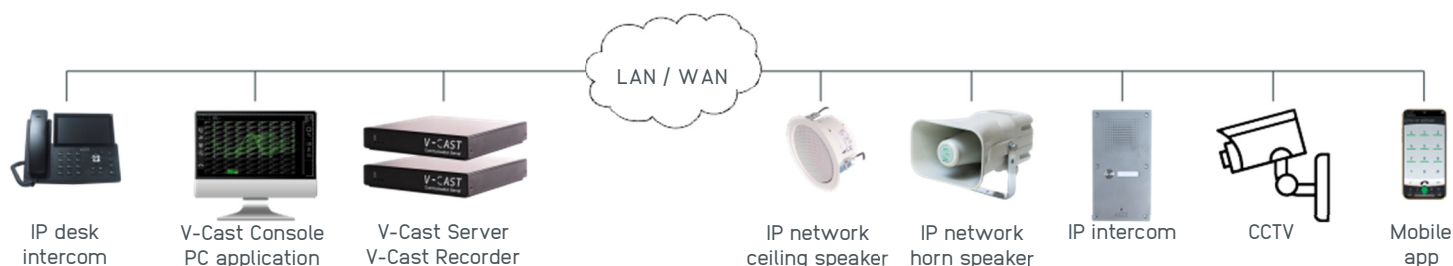
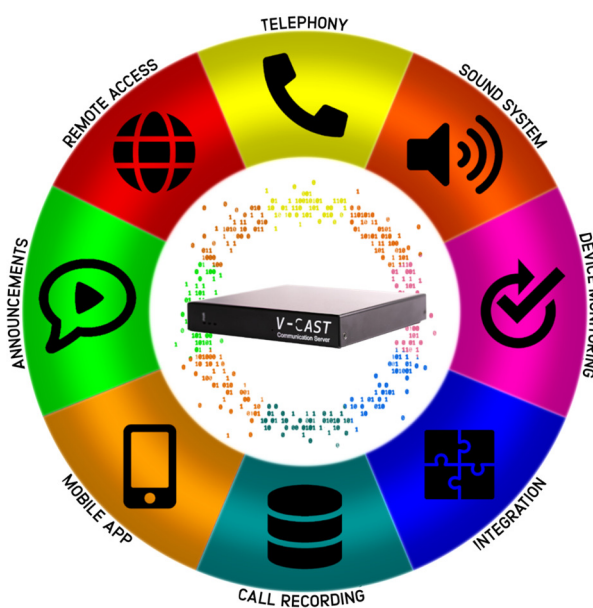
V-Cast is a communication server that manages registered stations. Thanks to its scalability, it is used in small systems operating locally, and enables the implementation of a geographically dispersed system, consisting of many servers connected via the Internet.

It is also possible to make the server available with a public IP address. Thus, VoIP devices can register to the server via the Internet.

V-Cast Communication Server supports internal VoIP and analogue subscribers. It also provides integrated communication with external systems and PSTN via SIP, digital, analogue and GSM connections.

A V-Cast Server enables individual, group and general calls to be made. It can also redirect calls and store recorded voice and alarm messages in the internal memory. The communication server also enables the implementation of additional security functions, such as monitoring of connected devices or integration with external security systems. The communication server also allows internal and external calls to be recorded.

The V-Cast enables the transfer of intelligible voice messages thanks to the transmission of sound within a wide acoustic frequency range. It allows phone calls to be made within the same IP network, and connection to a sound system installed in the facility. Thanks to its remote access function, it is possible to monitor devices even from the other side of the world.



## TECHNICAL PARAMETERS

### HARDWARE

Processor: AMD Embedded GX-412TC, 4 core, 1GHz  
RAM: 2 GB DDR3-1333 DRAM  
Built-in memory: 16GB SSD  
Signalling: 3x signalling LED  
IP address: Static, DHCP  
Management: http, telnet

### COMMUNICATION AND AUDIO

Audio codecs: g.711a, g.711u, g.722, g.726  
Video codecs: H.263, H.264  
VoIP protocols: SIP  
No of subscribers: 1024  
No of concurrent calls: 100  
SIP protocols: RFC 3261, SIP Info (DTMF), RFC 2833 (DTMF)  
IP address: Static, DHCP  
Management: http, telnet

### CONNECTORS

Ethernet: 3x RJ45 (10/100/1000Mbps)  
Power: 1x DC 2,5/5,5  
Universal: 2x USB  
Serial port: 1x DB9

### ELECTRICAL

Power supply: 12VDC  
Power consumption: 6W (nominal), 12W (max)

### MECHANICAL

Dimensions (W x H x D): 157 x 169 x 29mm  
Weight: 0,5kg  
Encapsulation material: Metal, color: black  
Montage: Desk, Rack 19" (requires VCCSRM19)

### ENVIRONMENTAL

Operating temperature: 5°C do +45°C  
Relative humidity: 10% - 85% not condensing

### CERTIFICATES

CE

## FUNCTIONALITY:

- Individual calls
- Audio connections
- Video connections
- Group calls
- General calls
- Call Queuing
- Redirections
- Conferences
- Interactive Voice Announcement (IVR)
- Device monitoring
- Integration via API
- Redundancy
- Call recording
- Recording of messages

## ACCESSORIES

| Item number | Name                                 |
|-------------|--------------------------------------|
| VCCSRM19    | Rack shelf for VCCS1000 and VCRS1000 |
| VCCS1011    | License for 1x IP station            |
| VCCS1021    | License for 1x SIP Trunk             |
| VCCS1031    | License for 1x VCNet                 |
| VCCS1141    | License 1x API interface             |
| VCCS1201    | License for 1x IP station redundancy |
| VCConApp    | V-Cast Console                       |
| VCRS1000    | V-Cast Recording Server, 32 GB       |
| VCRS1101    | License 1x channel recording         |

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