

Network - Monitor Box

**VIPCOS 530**



**SERVERLESS**

**SIP COMPATIBLE**

**INDIVIDUAL IDENTIFICATION**

Serverless network loudspeaker for integration in existing network structures.  
Compatible with VIPCOS, Vonamic IP Communication System.

## VIPCOS 530

### Premium Sound Quality

### Rotary Ball Joint

### Power over Ethernet (PoE)

#### Network monitor loudspeaker made of high-tensile High-Density-ABS

The VIPCOS 530 monitor loudspeaker offers premium sound quality for acoustic background irradiation even at medium and low acoustic pressure. The loudspeaker is excellently suitable for a wide variety of applications such as in offices, restaurants, department stores and cafés. Due to its rotary ball joint the VIPCOS 530 is easy to install and to position. It is connected to the network with a standard RJ 45 connection. Power is supplied by PoE.

#### Serverless acoustic irradiation and voice messages

The VIPCOS 530 is easy to install and therefore does not need an additional 100V cabling or control centers. The network loudspeaker can be addressed individually and can emit audio files in CD quality. These files can be fed into the network via the network streamer VIPCOS Blaster.

The loudspeaker can also be embedded directly into the Vonamic IP Communication System (VIPCOS). Thus, a fully functional intercom system can be realized with just one loudspeaker and the desk top call station VIPCOS 640.

#### High flexibility

Depending on the surroundings and the application, the expectations regarding a reliable irradiation and communication system may vary. To this effect, the VIPCOS 530 offers a high flexibility in order to adapt to the different requirements. The low power consumption allows for a supply by Power over Ethernet, thus rendering a local power



#### Technical Data

Inputs:	1 x isolated input (optional) 1 x microphone (optional, Elektret and dynamic)
Network:	1 x Ethernet 100 Base-T Auto MDX / MDIX
Operating system:	RTOS (Real Time Operating System) on ARM7-CPU
Memory:	4 MBit ROM, 1 MBit RAM
Computing capacity:	55 MIPS
Protocols:	TCP/IPv4, UDP, ARP, RTP/RTCP, DHCP, ICMP, VIPCOS (serverless), SIP (STUN) Standard and serverless, SNMP (optional), HTTP, TFTP
Audio codec1:	PCMA16 with 44,1kHz CD-Quality mono
Bitrate:	705 kbps
Audio codec1:	G.711alaw, with 3,4 kHz Telephone quality
Bitrate:	64 kbps
Frequency range:	G.711 alaw, 300 Hz – 3400 Hz (optional $\mu$ law) PCM16, 75Hz – 12.500Hz
Operating voltage:	PoE (Power over Ethernet) acc. to IEEE-Standard 802.3af
Power consumption:	15W max.
Temperature range:	-20 up to +70 °C

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supply redundant. The characteristics of the VIPCOS 530 can be configured freely meeting individual requirements, e.g. such as simple implementation of group membership and SIP configuration.

#### Reliability

Unconfined operational readiness is the top priority when using the VIPCOS 530. This is guaranteed by a permanent and logical monitoring program in the serverless units.

Alternatively, the operational safety can be synchronized on the universally recognized network protocol SNMP (Simple Network Management Protocol), thus guaranteeing a reliable system monitoring.

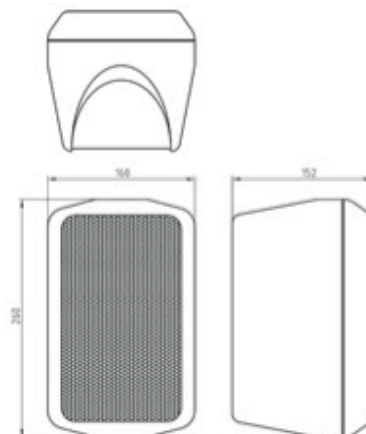
#### Remote maintenance / Remote configuration

Due to standardized interfaces and protocols communication and configuration will become very easy. Hardware configuration, software updates and changes of the VIPCOS 530 are carried out via a standard web browser like Internet Explorer or Mozilla Firefox. This enables a simple and safe handling.



#### Technical Data

Software:	Fast Boot function
Accessibility:	Individual telephone number as well as via group memberships
Group management:	Member in up to 8 different paging groups
Group priorities:	4 above and 4 below the priority of single connections
Configuration:	storable and restorable via website
Selftest:	automatic
Safety:	Watchdog function in the operating system
Mechanical data:	Housing dimensions 175 x 250 x 192mm
Material:	High-Density-ABS
Color:	white or black
Weight:	3,8 kg



## VOICE AND DYNAMIC



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