VIPCOS 670

Vonamic

EASY INSTALLATION

POWER OVER ETHERNET

SIP COMPATIBLE

Network Crane Call Station for flexible communication in industrial environments.

VIPCOS 670 with redundant power over Ethernet and rapid spanning tree.

Vonamic

VIPCOS 670

Housing made of aluminium

Rapid Spanning Tree

IP 65

Weatherproof call station made of robust aluminium

The VIPCOS crane call station V670 is made of 3mm aluminium housing, powder coated and optional with anti graffiti coat for a high protection against scratches. It has 16 illuminated push buttons with replaceable protection caps and labels.

Further it has a flexible goose neck microphone, an integrated full range loudspeaker and a weather proof cable gland/plug for the network connection. Any additional power supply is not necessary; the device is powered via a redundant PoE ports only.

The mounting plate of the VIPCOS crane call station V 670 will be delivered with quick access fasteners. Due to this and the weather proof cable gland / plug the call station is installed and operating within seconds without any tools.

User friendly design

VIPCOS 670 is a multi-purpose VoIP call station in a distinctive, user-friendly design especially made for use in cranes.

In conjunction with an external WLAN VIPCOS 670 allows flexible wireless communication in industrial environments. They are easy to operate, extremely robust and can be installed without using any tools. They are automatically integrated to the VIPCOS system by network connection. Further it can be integrated in an standard SIP system by configuration only. Both connections, VIPCOS and SIP can be operated simultaneously. The electrets microphone and the premium loudspeaker ensure superior quality of the voice transmission and allow clear communication, even at high ambient noise levels.

Technical Data

Inputs:	16 x illuminated keys 1 x Microphone
Outputs:	1 x Loudspeaker
Network:	2 x Ethernet 100 Base-T
Operating System:	VIPCOS
Integrated alarm tones:	optional
Protocols:	IPv4, TCP/UDP, ARP, RTP/RTCP, DHCP, ICMP, SIP (STUN), TFTP, http, VIPCOS
SNMP:	optional
Audio codec 1:	G.711alaw
Frequency:	G.711 alaw, 300 – 3400 Hz (optional µlaw)
Audio codec 2:	PCM 16
Frequency:	300 – 12.000 Hz
Power supply:	PoE (Power over Ethernet) Acc. to IEEE-Standard 802.3af
Power consumption:	15W max.
Temperature:	-25 to +70 °C
Groups:	up to 250 groups
Priorities:	up to 250 priorities
Configuration:	webbrowser

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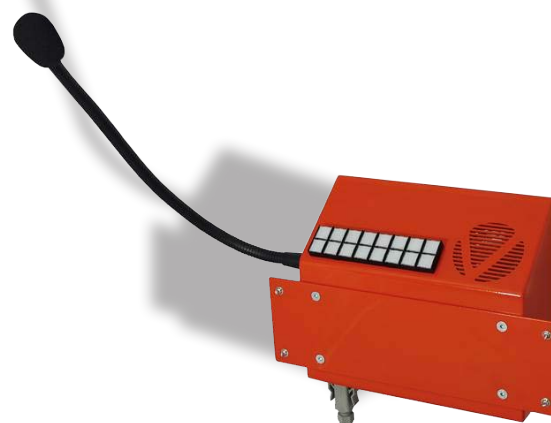
IP 65

Consistent communication

Apart from easy handling during normal use VIPCOS 670 excels at easy operation under difficult conditions and in stress situations. The basic standard specifications such as those for a telephone and a call station are combined in one system and are even extended. The prerequisite for a failure-free and smooth communication process are excellent hands-free and unilaterally driven PTT-properties under difficult conditions. VIPCOS 670 realizes this exclusively via digital voice data processing.

Reliability

Unlimited operational availability is the highest priority when using the VIPCOS 670.This is guaranteed by a permanent and logical monitoring system in the serverless units. The operational safety can optionally be adjusted to the SNMP network protocol (Simple Network Management Protocol), which is accepted world-wide and which guarantees a reliable system monitoring.

High flexibility

The expectations regarding a reliable industrial communication station may vary depending on the environment and the application. In this regard VIPCOS 670 offers a high flexibility in order to adapt to different requirements. The low power consumption allows for Power
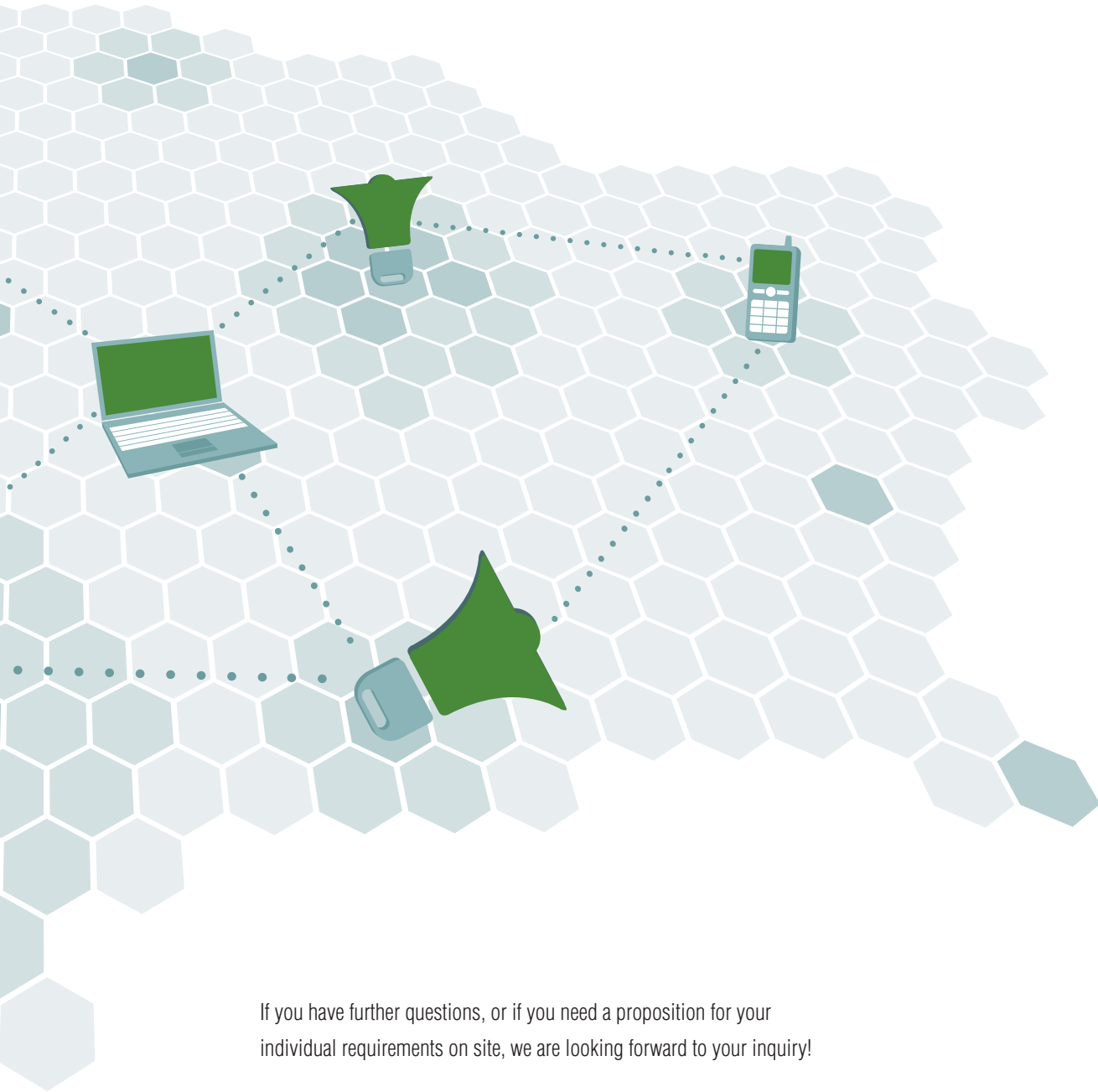
Technical Data

Self-test:	automatic
Safety:	Watchdog function in operating system
Dimensions:	285 x 200 x 110 mm H x W x D)
Material:	3 mm aluminum, powder coated
Housing color:	orange (RAL 2004)
Weight:	5,150 kg
Classification:	IP65 acc. to DIN EN 60529

over Ethernet, making a local power supply redundant. The properties of the VIPCOS 670 can be configured freely to meet individual require-ments, e. g. easy calling of target stations / groups and SIP configuration.

Remote maintenance / Remote configuration

Communication and configuration is extremely easy via standardized interfaces and protocols. Hardware configuration, software updates and changes of the VIPCOS 670 are carried out via a standard web-browser like Internet Explorer or Mozilla Firefox. This facilitates an easy and safe handling.

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If you have further questions, or if you need a proposition for your
individual requirements on site, we are looking forward to your inquiry!