



VERDELON

Industrial IP66 SIP Phone w/ Acoustic Hood

IP-SIP-MG-0002



Product Description

The Verdelon Industrial IP66 SIP Phone with Acoustic Hood is engineered for high-performance telephony in challenging environments. It supports up to 6 simultaneous lines, is PoE-compatible, and includes three programmable speed dial buttons for efficient contact access. Advanced echo cancellation and full-duplex communication ensure high-quality audio, while an optional external speaker can amplify ring and broadcast messages up to 110 dB.

The acoustic hood, made from fiberglass, blocks 70% of external noise, providing clearer conversations in noisy settings. It is waterproof, corrosion-resistant, and flame-retardant, offering added protection in extreme environments. Combined with the phone's rugged IP66-rated construction, it's ideal for harsh industrial conditions.

Ports Interface

RJ45	<ul style="list-style-type: none">1x 10/100Base-T RJ45 for LAN1x 10/100Base-T RJ-45 for PC
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Physical Properties

Weight	25000g
Acoustic Hood Material	Fiberglass
Phone Enclosure Material	Aluminum cast w/ powder coating treatment
Dimensions (H x D x W)	800mm x 550mm x 700mm
Mounting	Magnetic induction hook
Earpiece	ABS (Acrylonitrile Butadiene Styrene) & PC (Polycarbonate)
Hose	Stainless steel
Dialpad	Industrial grade silicon

Environmental Standards

Rating	IP66
Storage Temperature	-40°C to 75°C
Operating Temperature	-40°C to 70°C
Humidity Tolerance	5% to 95%

Power

Power Input	12-24VDC PoE (IEEE 802.3af)
Self Consumption	5W
External Speaker Maximum Consumption	10W (PoE input) 30W (12-24VDC input)

Management

Management	Web management
WAN/LAN	Supports bridge mode
Virtual VLAN	Supported
STUN NAT Traversal	Enables seamless communication through NAT firewalls for VoIP
DHCP Support on WAN Port	Automatically obtains an IP address via DHCP for easy network configuration
Data Protocols	Supports IPv4, TCP, UDP, ICMP, ARP, DNS, and DNS SRV for SIP signaling
Programmable Button	AL (programmable through web interface)

Telephony Specifications

Protocol	SIP / VoIP
Codec	G.711A/u G.729 G.722 G.726 G.723.1 high/low
Echo Cancellation	Compliant with G.168, supports up to 96 ms for hands-free operation
Full-Duplex Communication	Supports simultaneous two-way communication
Line Support	Register up to 6 lines simultaneously
Customization	Optional ringtones with adjustable volume
Speed Dial	Supports three programmable speed dial buttons (S1, S2, S3)
Noise Blocking	70% with acoustic hood.
External Loudspeaker Support	Boosts ringing volume to 110 dB

Any questions?

Visit our website at: www.verdelon.com

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