

VERDELON

Industrial IP66 Display SIP Phone w/ Acoustic Hood

IP-SIP-MG-0004



Product Description

The Verdelon Industrial IP66 Display SIP Phone is built for tough environments, featuring a stainless steel keypad, a display, and a 9mm-thick enclosure for enhanced durability. It supports Power over Ethernet (PoE), up to 6 simultaneous lines, and has three programmable speed dial buttons. Advanced echo cancellation and full-duplex communication ensure clear audio, with an optional external speaker boosting volume up to 110 dB. Its IP66-rated design protects against dust and water. The fiberglass acoustic hood reduces external noise by 70%, and is waterproof, corrosion-resistant, and flame-retardant, providing extra protection in extreme 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	Stainless steel

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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