



Industrial IP66 Display SIP Phone

IP-SIP-MG-0003



Product Description

The Verdelon Industrial IP66 Display SIP Phone is engineered for durability and high-performance telephony in challenging environments. Equipped with a stainless steel keypad, a display, and an enclosure thickness of 9mm, it ensures both ease of use and enhanced protection. Compatible with most IP PBX systems and supporting Power over Ethernet (PoE), it accommodates up to 6 simultaneous lines and features three programmable speed dial buttons for efficient contact access. High-quality audio is ensured through advanced echo cancellation and full-duplex communication, while an optional high-volume external speaker can boost ringing and broadcast messages up to 110 dB. Its rugged construction and IP66 rating guarantee reliable operation, protecting against dust and powerful water jets, making it ideal for demanding 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	8000g
Case Material	Aluminum cast w/ powder coating treatment
Dimensions (H x D x W)	380mm x 140mm x 290mm
Enclosure Thickness	9mm
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)
External Loudspeaker Support	Boosts ringing volume to 110 dB

Any questions?

Visit our website at: www.verdelon.com

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