



## Industrial IP66 SIP Phone

IP-SIP-MG-0001



### Product Description

The Verdelon Industrial IP66 SIP Phone is engineered for durability and high-performance telephony in challenging environments. 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"><li>1x 10/100Base-T RJ45 for LAN</li><li>1x 10/100Base-T RJ-45 for PC</li></ul> |
|------|---|

## Physical Properties

|                        |  |
|------------------------|--|
| Weight                 | 8000g  |
| Case Material          | Aluminum cast w/ powder coating treatment                  |
| Dimensions (H x D x W) | 340mm x 125mm x 260mm                                      |
| Enclosure Thickness    | 6mm  |
| 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<br>PoE (IEEE 802.3af)          |
| Self Consumption                        | 5W                                      |
| External Speaker<br>Maximum Consumption | 10W (PoE input)<br>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<br>G.729<br>G.722<br>G.726<br>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?

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