



# 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"> <li>1x 10/100Base-T RJ45 for LAN</li> <li>1x 10/100Base-T RJ-45 for PC</li> </ul> |
|------|--|

## 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<br>PoE (IEEE 802.3af)          |
| Self Consumption                     | 5W                                      |
| External Speaker 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)         |
| Noise Blocking               | 70% with acoustic hood.   |
| External Loudspeaker Support | Boosts ringing volume to 110 dB                                     |

Any questions?

Visit our website at: [www.verdelon.com](http://www.verdelon.com)

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