# Yealink MP66W Datasheet

## Wireless Teams Phone

MP66W is an enterprise portable Teams Wi-Fi color screen phone that meets wireless communication needs. MP66W meets the IP67 protection standard, effectively providing waterproof, dustproof, and 1.8-meter drop-proof capabilities. The Android 15 OS-based MP66W delivers a native Teams calling and meeting experience. It integrates Yealink's Optima HD Audio and Smart Noise Cancellation technology to deliver exceptional audio quality and clear voice communication. It is equipped with a built-in Bluetooth module and a tri-band 2.4G/5G/6G* Wi-Fi 6E module, combined with advanced seamless roaming technology. In addition, MP66W is equipped with a 3000mAh battery, providing a talk time of 8 hours and a standby time of 80 hours. It is widely used in various wireless scenarios such as healthcare, manufacturing, retail, warehouses, transportation, and education.

** 6G Wi-Fi is coming soon.*



Android 15



IP67



Wi-Fi 6E


Roaming



HD Audio


Smart Noise Cancellation


Programmable Action Button


Belt Clip




## Key Features and Benefits

- IP67-rated waterproof and dustproof, drop-proof up to 1.8 meters
- Antibacterial design, chemical cleaning resistant
- MDEP (Android 15)
- 2.8-inch 240*320 TFT color screen
- Tri-band 2.4G/5G/6G Wi-Fi 6E with 802.11k/v/r roaming

- HD audio, noise cancellation, and acoustic shield
- Bluetooth 5.3 for headset
- Type-C for charging, headset, and YubiKey
- Wall-mountable
- Supports TAC/YDMP/YMCS

**Seamless Roaming Technology, Move Freely**

Tri-band Wi-Fi 6E has better anti-interference and faster speed, allowing you to stay ahead in a busy data environment. It supports the IEEE802.11 k/ v/ r fast roaming protocol to achieve automatic network switching in milliseconds. It has built-in Bluetooth for Bluetooth headsets, freeing your hands and enabling a freer and more creative way of mobile office collaboration

**Yealink Optima HD Audio and Smart Noise Cancellation Technology, Effective Communication**

MP66W provides distraction-free communications with industry-leading Optima HD Voice, Smart Noise Cancellation, and Acoustic Shield Technology, which delivers excellent sound quality without extraneous noises and allows fluent conversations. Its hearing aid compatible (HAC) handset helps the person who has hearing loss to hear the voice more clearly

**Simplified and Secure Management**

MDEP leverages Microsoft Public Key Infrastructure (PKI) and hardware-based attestation to protect device-to-cloud communication, making zero-touch enrollment feasible. On top of that, the MP66W includes flexible tools from Microsoft and Yealink, as well as auto-provisioning for device management. Integrated with hardware-based identity, automated monitoring, policy-based controls, and other features, the MP66W makes setup and administration simpler and more secure.

# Specifications

| Parameter | Description |
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| Audio Features | • HD voice: HD handset, HD speaker<br>• Hearing aid compatible (HAC) handset<br>• Acoustic Shield<br>• AI Noise Cancellation<br>• Dual mic noise cancellation |

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| | • Audio codec: SILK, G.722, G.722.1, G.722.1C, G.711(A/μ), G.723, G.726, G.729AB, iLBC, ARES<br>• Full-duplex hands-free speakerphone with AEC<br>• VAD,CNG, AEC, PLC, AJB, AGC |
| Phone Features | • Incoming/Outgoing P2P call<br>• Cloud PSTN call<br>• Call controls<br>- Call hold/Call mute/Call transfer/Call forward<br>- Visual voicemail<br>- Synchronized call logs<br>- Add/remove participant<br>• Multi-line<br>• Phone lock/unlock<br>• Emergency calls<br>• Accessibility<br>• Screensaver<br>• Common Area Phone (CAP) |
| Display and Indicator | • Color screen with backlight: 2.8 inches (240 x 320) non-touch screen<br>• Multi-language user interface<br>• Keypad backlight<br>• Ringing Vibration, Wi-Fi Disconnect Vibration<br>• Power LED for call and message waiting indication<br>• Presence status control: available, busy, DND, be right back, off work, appear away |
| Function Keys | • 4 Soft keys<br>• 4 feature keys: speaker, off-hook, on-hook, Mute<br>• Programmable action key, side key |

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| | • Volume control keys<br>• Navigation keys, OK key |
| Interface | • 1 x Type C for charging, headsets, and YubiKey<br>• Charging dock connector |
| Management | • Configuration: Browser/Phone/Auto-provision and Device Management Platform<br>• Provisioning priority management<br>• Yealink redirection and provisioning service (RPS)<br>• QoE (Monitoring Reports)<br>• Reset to factory, reboot<br>• Package tracing export, system log<br>• Screenshot via URL<br>• Supports Microsoft Device Management Platform<br>• Supports Yealink Device Management Platform (YDMP/YMCS) |
| Network and Security | • Built-in tri-band 2.4G/5G/6G Wi-Fi<br>- Network standard: IEEE802.11a/b/g/n/ac/ax<br>- Frequency range: 2.4GHz/5GHz/6GHz<br>- Roaming: IEEE802.11 k/r/v<br>• Built-in Bluetooth for headset<br>• IPv4/IPv6<br>• IP Assignment: Static/DHCP<br>• Proxy mode<br>• HTTP/HTTPS web server<br>• Time and date synchronization using SNTP<br>• Transport Layer Security (TLS 1.3)<br>• HTTPS certificate manager<br>• WPA/WPA2 PSK, WPA3-PSK, WPA2-Enterprise, WPA3-Enterprise |

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| | • IEEE 802.1X<br>• AES encryption for the configuration file |
| Other Physical Features | • Safe drop height: 1.8 m<br>• Protection rating: IP67<br>• Chemical cleaning resistant<br>• Antibacterial design<br>• Battery: 3000mAh, Rechargeable Lithium-ion Battery, 3.85V, 11.55Wh<br>- Up to 8-hour talk time (Laboratory data)<br>- Up to 80-hour standby time (Laboratory data)<br>• Power adapter: AC 100-240V input and DC 5 V/3 A output<br>• Handset Size: 160.9x 58.8 x 21.5mm<br>• Handset Weight: 220 g<br>• Operating humidity: 10 - 95%<br>• Operating temperature: 0 - 40°C (+32 - 104°F)<br>• Storage temperature: -30 - 70°C |
| Package Features | • Package content:<br>- MP66W Handset<br>- Charger Cradle<br>- Rechargeable Battery<br>- Belt Clip<br>- Quick Start Guide<br>- Power Adapter<br>• Qty/CTN: 20 PCS<br>• N.W/CTN: 10.46 kg<br>• G.W/CTN: 11.41 kg<br>• Giftbox size: 186 × 115 × 100 mm<br>• Carton Meas: 510 × 485 × 200 mm |