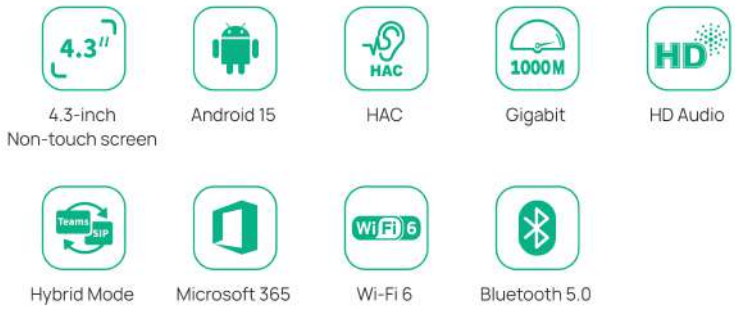
Yealink MP55 E2 Teams Datasheet

Purpose-Built Phone for Vertical Industries

Powered by the Microsoft Device Ecosystem Platform (MDEP) and Android 15, the MP55 E2 offers faster response times and enterprise-level security. With a variety of function keys and line keys, the MP55 E2 enables efficient management of high call volumes, making it suitable for call centers, front desks, and common areas. Armed with Yealink's Optima HD Voice and AI Noise cancellation Technology, MP55 E2 presents a standalone voice solution and unparalleled audio clarity. Moreover, MP55 E2 makes collaboration easier than ever thanks to its support for SIP & Teams Hybrid mode, as well as Wi-Fi, Bluetooth, and USB headsets.





Key Features and Benefits

Excellent Voice Performance

Combining professional-grade hardware with advanced software, the MP55 E2 delivers crystal-clear voice communication. Featuring Yealink Optima HD Voice and Yealink AI Noise Cancellation Technology, along with a full-duplex, hands-free speakerphone with AEC and a HAC handset, the MP55 E2 provides an outstanding audio experience, enabling more efficient, productive calls.

Efficient Call Management

Equipped with multiple function keys and line keys, MP55 E2 enables efficient management of a high volume of calls. This design supports monitoring the availability status of multiple contacts with clear LED indicators and enables quick hold, transfer, and redial through physical buttons.

Simplified and Secure Management

MDEP leverages Microsoft Public Key Infrastructure (PKI) and hardware-based attestation to protect device-to-cloud communication, making enrollment more secure. On top of that, the MP55 E2 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 MP55 E2 makes setup and administration simpler and more secure.

- Android 15
- Built on Microsoft Device Ecosystem Platform (MDEP)
- 4.3-inch (480 x 272) non-touch color screen
- Optimal HD audio, AI Noise Cancellation
- Dedicated Microsoft Teams button
- Magnet Handset
- Built-in dual-band 2.4G/5G Wi-Fi 6 and Bluetooth 5.0
- USB Type-A port, supports USB headset
- Dual-port Gigabit Ethernet, PoE support
- Supports Microsoft and Yealink device management platforms
- Hybrid mode

Technical Specifications

Parameter	Description
Audio Features	• HD voice: HD handset, HD hands-free • Hearing aid compatible (HAC) handset • Acoustic Shield • AI Noise Cancellation • Audio codec: SILK, G.722, G.722.1, G.722.1C, G.711 (A/μ), G.723, G.726, G.729AB, iLBC, ARES • Full-duplex hands-free speakerphone with AEC • VAD, CNG, AEC, PLC, AJB, AGC
Phone Features	• Incoming/Outgoing P2P call • Cloud PSTN call • Call controls - Call hold/Call mute/Call transfer/Call forward - Visual voicemail - Synchronized call logs • Time display • Phone lock/unlock • Emergency calls • Accessibility

	• Screensaver, Power saving • Common Area Phone (CAP) • Hybrid mode
Display and Indicator	• Color screen with backlight: 4.3 inches (480 x 272) non-touch screen • Multilingual user interface • Power LED for call and message waiting indication • Presence status control: available, busy, DND, be right back, off work, appear away
Function keys	• 10 line keys with LED • 4 touch buttons: Teams, headset, mute, pagination (mute/headset button with indicator light) • 4 feature keys: hold, transfer, redial, speakerphone (with indicator light) • Volume control keys • Navigation keys, OK key, and cancel key
Interface	• Dual-port Gigabit Ethernet, Supports PoE • Power over Ethernet (IEEE 802.3af), class 3 • 1 x USB Type-A port - USB headsets - USB flash drive • Built-in dual band 2.4G/5G Wi-Fi • Built-in Bluetooth • 1 x Security lock port • 1 x RJ9 (4P4C) handset port • 1 x RJ9 (4P4C) headset port
Management	• Configuration: Browser/Phone/Auto-provision and Device Management Platform • Provisioning priority management • Yealink redirection and provisioning service (RPS) • QoE (Monitoring Reports) • Reset to factory, reboot • Package tracing export, system log • Screenshot via URL

	• Supports Microsoft Device Management Platform • Supports Yealink Device Management Platform (YDMP/YMCS)
Network and Security	• IPv4/IPv6 • IP Assignment: Static/DHCP • Proxy mode • HTTP/HTTPS web server • Time and date synchronization using SNTP • Transport Layer Security (TLS 1.3) • HTTPS certificate manager • WPA2/WPA3 • IEEE 802.1X • AES encryption for the configuration file
Other Physical Features	• Color: Classic Grey • External Yealink AC adapter (Optional): AC 100-240V input and DC 5V/2A output • USB output currency: 5 V/500 mA • Power consumption (PSU): 1.7-7.0 W • Power consumption (PoE): 1.8-7.0 W • Dimension (W × D × H × T): 234 × 212 × 85 × 55 mm • Operating humidity: 10 - 95% • Operating temperature: -10 - 50°C (+14 - 122°F)
Package Features	• Package content: - Yealink MP55 E2 IP phone - Handset with handset cord - Ethernet Cable (2m CAT5E UTP Cable) - Stand - Quick Start Guide - Wall-mount bracket (Optional) - Power Adapter (Optional) • Qty/CTN: 3 PCS • N.W/CTN: 3.81 kg G.W/CTN: 4.278 kg • Giftbox size: 258 mm × 247 mm × 99 mm • Carton Meas: 310 mm × 254 mm × 274 mm