

# **VIDEO CONFERENCING EQUIPMENT SPECIFICATION/BILL OF MATERIAL – LARGE BOARDROOMS**

Version:	1.0
Date:	August 2023

## 1 BILL OF MATERIAL – VIDEO CONFERENCING

Video Conferencing Equipment – Large Boardrooms		
Item Code	Description	Quantity
	Yealink Native Microsoft Teams Rooms System For Medium-To-Large Rooms. 1x Uvc84 12x Optical Usb Ptz 4k Camera, Vcr20 Remote Control, Power Adapter, Wallmount Bracket And Cable	8
	Yealink Ceiling microphone	16
	Yealink BYOD Extender for Teams Rooms and Zoom Rooms	8
	Yealink WPP30 wireless presentation dongle	8
	Yealink USB CAT Extender	8

Video Conferencing Equipment – Large Boardrooms		
Item Code	Description	Quantity
	8 Port Gigabit Network Switch	8
	Sundries & Cabling	8

## 2 VIDEO CONFERENCING EQUIPMENT SPECIFICATION

Description	Specification
<b>Yealink Native Microsoft Teams Room System</b>	System must be Microsoft Certified
	Must be able to accommodate medium to large meeting rooms
	System must include PTZ Camera with below minimum specifications: <ul style="list-style-type: none"><li>• Capable of 4K resolution</li><li>• 12x Optical Zoom</li><li>• Auto Framing functionality</li><li>• Be able to store camera presets</li><li>• Pan Range: 200 degrees</li><li>• Tilt Range 130 degrees</li><li>• Audio Line Out on 3.5mm mini jack connector</li><li>• Yealink Microphone Port (RJ45)</li><li>• USB2.0 Type B</li><li>• Security Slot</li></ul>
	Includes Wall Mount Bracket and power adapter.

Description	Specification
	<p>Includes Yealink MCore Mini PC with Below Specifications</p> <ul style="list-style-type: none"> <li>• 8th-gen Intel® QUAD-CORE i5</li> <li>• Memory: 8GB (2 x 4GB)</li> <li>• Storage: 128GB SSD</li> <li>• 2 x HDMI video output with CEC supported</li> <li>• Bluetooth and Wi-Fi</li> <li>• 1 x Yealink VCH port (RJ45), connect to MTouch II</li> <li>• 4 x USB3.0 Type-A</li> <li>• 1 x 10/100/1000M Ethernet port</li> <li>• 1 x Power port</li> <li>• 1 x Security lock slot</li> <li>• Integrated cable management</li> </ul>
	<p>Includes Touch Panel User Interface with below specifications:</p> <ul style="list-style-type: none"> <li>• 8-inch IPS screen</li> <li>• 1280 x 800 resolution</li> <li>• 10-point capacitive touch screen</li> <li>• 3.5mm headset jack</li> <li>• Human Motion Sensor</li> <li>• Angle adjustable bracket (28° ~ 50°)</li> <li>• 1080P/30FPS FHD for sharing</li> <li>• Support wired and wireless content sharing</li> <li>• Built-in Wi-Fi AP for Yealink wireless presentation device</li> <li>• HDMI/USB-C HD video input</li> </ul>

Description	Specification
<b>VCM38 Ceiling Microphone with telescopic pole</b>	<p>Microphone to meet below specifications:</p> <ul style="list-style-type: none"> <li>• 8x element microphone array</li> <li>• Frequency response: 100Hz~16KHz</li> <li>• Sensitivity: -45dB±1dB @ 1KHz (0dB = 1V/Pa)</li> <li>• Signal to noise ratio: 60dBA @ 1KHz</li> <li>• Maximum sound pressure level: 100dB SPL @ 1KHz, THD&lt;1%</li> </ul>
	<p>Microphone to offer below features:</p> <ul style="list-style-type: none"> <li>• 360-degree voice pickup</li> <li>• Optima HD voice</li> <li>• Dual-color LED indicator</li> <li>• Up to 8 units can be used in one system Audio Features</li> <li>• Background noise suppression</li> <li>• VAD (Voice Activity Detection)</li> </ul> <p>Specifications</p> <ul style="list-style-type: none"> <li>• CNG (Comfort Noise Generator)</li> <li>• AEC (Acoustic Echo Canceling)</li> <li>• Yealink Noise Proof Technology</li> </ul>
<b>Yealink MVC BYOD Extender for Teams Rooms</b>	Includes 7.5m CAT5e Cable
	BYOD Box with 1.5m USB2.0 Type-A cable and RJ45 Port

Description	Specification
<b>Yealink WPP30 wireless presentation dongle to meet specifications</b>	4K Ultra HD Wireless Presentation Pod <ul style="list-style-type: none"> <li>• Self-built Wi-Fi Network</li> <li>• 4K/30fps Full HD Content Sharing</li> <li>• Adaptive Software/Hardware Encoding</li> <li>• Supports Dual-band 2.4GHz/5GHz Wireless Networks</li> <li>• Plug and Play, without Extra Software or Driver</li> <li>• Full-featured USB Type-C and USB Type-A Ports</li> <li>• AES &amp; WPA Data Encryption</li> <li>• Adapt to Computers and Mobile Phones with Different Ports</li> <li>• 4-Screen Casting</li> <li>• Support Annotation/Whiteboard /Reverse Control</li> </ul>
<b>Yealink USB CAT Extender</b>	Transmitter and Receiver set to extend USB Signals over CAT5E Cable
	Includes 1m USB Type-A Cable
	40m Long Distance Transmission
	RJ45 Connectors
<b>Network POE Switch</b>	Gigabith Banwidth Capable
	Minimum 8x RJ45 ports
	Power over Ethernet
	16Gbps Switching Capacity

Description	Specification
Certification Required	Avixa CTS
	Yealink Microsoft Certification