MAXHUB XBar V50 Kit Datasheet

The MAXHUB XBar V50 is an all-in-one Android-based videobar designed for premium small to medium meeting rooms. Equipped with a 100MP dual-camera system and studio-grade dual speakers, it delivers exceptional audiovisual performance. Enhanced by AI noise reduction, the built-in 12-microphone array ensures crystal-clear audio experience. It can eliminate background interference like keyboard clicks or air conditioning.

Featuring a dedicated AI chipset, the XBar V50 supports advanced functionalities including Auto Framing, Speaker Tracking, Intelligent Focus and Smart Gathering. Its plug-and-play deployment simplifies installation and remote maintenance, while design for Microsoft Device Ecosystem Platform (MDEP) ensures seamless integration.

Built on Microsoft Device Ecosystem Platform



100MP Camera System

Dual-lens camera with 125° HFOV
Ultra-high-resolution camera system redefines image clarity and spatial adaptability

BYOD Mode

Connect to your PC with a single USB cable for BYOD meeting

AI-Powered Technology

Auto Framing
Speaker Tracking
Smart Gathering
Intelligent Focus

AI Noise Reduction

Built-in 12 MEMS microphone array with AI noise reduction

Studio-Grade Dual Speakers

Dual 15W
Stereo Sound
Full Frequency

Cloud Device Management

Remotely monitor device status through cloud-based service (MAXHUB Pivot) via an internet connection

Package Contents

XBar V50 (With Standard Accessories)	**× 1**
Panel AP30 (With Accessories)	**× 1**

Physical Specification

Package Dimension (L×W×H)	770 × 257 × 275 mm / 30.3 × 10.1 × 10.8 in
Gross Weight	9.98 kg / 22.0 lb

Content Sharing

Teams (In Meeting)	1080p@30
Local Sharing (Type-C)	4K@30
Local Sharing (HDMI)	4K@30

Device Management

Control and Management	Microsoft Device Management Platform (Microsoft Teams Admin Center/Intune/ Pro management portal) MAXHUB Pivot

Environmental Condition

Operating Temperature	0°C ~ 40°C / 0°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Operating Humidity	10% ~ 90% RH
Storage Humidity	10%~ 90% RH
Altitude	Below 5000 m

XBar V50:

Camera

Camera Quantity	2
Pixel	50MP × 2
Sensor	1/1.55 inch
Aperture	F/2.4
Resolution & Frame Rate:	
H.264 / MJPEG	3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 720, 1024 × 576, 960 × 540, 800 × 600, 640 × 360.
YUY2	1920 × 1080, 1280 × 720, 640 × 360
ZOOM	6x Digital Zoom
Field of View	130° (D), 125° (H), 50° (V)
Privacy Shutter	Electric and automatical lens shutter
AI Feature	Auto Framing Speaker Tracking Intelligent Focus Smart Gathering Video Fence Audio Fence

Operating System

MDEP	Supported
OS	Andriod 13

Network

Wi-Fi	Wi-Fi 6, 2×2 MIMO
Wi-Fi Protocol	802.11 a/ b/ g/ n/ ac/ ax
Working Band	2.4 GHz + 5 GHz
Bluetooth	5.2 + BLE
Network	1000 Mbps

Power

Power Adapter	AC 100-240 V Input and DC 19V/4.5A Output

Physical Specification

Product Dimension (L×W×H)	650.8 × 76.6 × 95.7 mm / 25.6 × 3.01 × 3.77 in
Package Dimension (L×W×H)	750 × 136 × 246 mm / 29.5 × 5.4 × 9.7 in
Net Weight	2.8 kg / 6.17 lb
Gross Weight	6.0 kg / 13.23 lb

Audio

Speaker:	
Speaker Quantity	2
Sound Channel	2.0
Total Power (Max.)	15W + 15W
Sensitivity	97dB SPL @15W, +/-3dB at ½ meter
Sound Pressure (Max.)	86dB SPL@15W, +/-3dB at ½ meter
Frequency Range	80 Hz ~ 20 KHz
Microphone:	
Microphone Quantity	12-mic array
Pickup Range	8 m
Frequency Range	20 Hz ~ 16 KHz
Sensitivity	-36 ± 1 dBFS
Sampling	48 KHz
Expansion	Supports 4 expansion microphones
AI Feature	Noise Reduction Echo Cancellation Anti-Reverberation AEC (Acoustic Echo Cancellation) ANS (Automatic Noise Suppression) AGC (Automatic Gain Control) Full-duplex Audio Fence

Input/Output Port

USB 3.0 Type-B × 1	To connect to your PC
USB 2.0 Type-A × 1	For debug and update
HDMI Out × 2	Up to 4K@60Hz, CEC supported
HDMI In × 1	Up to 4K@60Hz
Audio In × 1	For third-party audio input
Audio Out × 1	For third-party audio output
RJ45 (Internet) × 1	For internet connection
RJ45 (M Link) × 1	To connect expansion device
DC In × 1	For 19V power supply

Standard Accessories

Power Adapter	× 1
AC Cable (1.5 m / 4.9 ft)	× 1
HDMI Cable (3 m / 9.8 ft)	× 2
Ethernet Cable (3 m / 9.8 ft)	× 1
Mounted Components (ADA Standard)	× 1

Panel AP30:

Display	
Size	11.6 inch
Resolution	1920 × 1080
Frequency Refresh Rate	60 Hz
Backlight Unit	ELED
Brightness With Glass	250 nits (Min.) 300 nits (Max.)
Life Time	≥ 20000 hours

Input/Output Port	
RJ45 (INTERNET)	× 1
RJ45 (EXT)	× 1
DC In	× 1
Type-C (INGEST)	× 1
USB 2.0 (Pairing Wireless Dongle)	× 1

Power	
Power Input	19V DC 4.5A
Power Output	Type-C PD 65W (Max.)

Operating System	
MDEP	Supported
OS	Andriod 13

Touch System	
Type	Capacitive touch
Surface Treatment	Anti-fingerprint, Anti-glare

Accessories	
Type-C Cable (1.5 m / 4.92 ft)	× 1
Ethernet Cable (7.5 m / 24.61 ft)	× 1
Screwdriver	× 1
Power Adapter	× 1
AC Cable (1.5 m / 4.9 ft)	× 1

Sensor	
Motion Sensor	PIR sensor for automatic wake-up

Physical Specification	
Product Dimension (L×W×H)	278 × 164 × 82 mm / 11 × 6.4 × 3.2 inch
Product Weight	1.16 kg / 2.56 lb
Package Dimension (L×W×H)	1 pcs: 570 × 246 × 101 mm 4 pcs: 590 × 440 × 280 mm
Package Weight	1 pcs: 3.12 kg

Statement

Size and weight vary by configuration and manufacturing process, please refer to the actual product. The product images are for illustrative purposes only and may slightly differ in appearance, colour, size, etc. from the actual product. The description, illustrations, etc. in this document may subject to change in accordance with the latest product specification and performance. Should the above-mentioned change in the document become necessary, the document may be updated without written notice.