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

Ultra-high-resolution camera system redefines image clarity and spatial adaptability

Dual-Lens Camera

Ultra-wide 125° HFOV
Provides a wide range of view in the room

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

V1.6

XBar V50 Kit

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
Sound Pressure (Max.)	83 dB SPL@1W/1M
Frequency Range	80 Hz ~ 20 KHz
Microphone:	
Microphone Quantity	12-mic array
Pickup Range	8 m
Frequency Range	18 Hz ~ 16 KHz
Sensitivity	-36 ± 1 dBFS
Sampling	48 KHz
Expansion	Supports 2 expansion microphones
AI Feature	Noise Reduction Echo Cancellation Anti-Reverberation AGC Algorithm Full-duplex

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