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

Ultra HD 4K

Silky smooth UHD video of up to 30 fps

125° FOV

Provides a wide range of view in the room

Auto Framing

Automatically adjusts the frame based on the number and position of people in the room

Speaker Tracking

Always focus on the active speaker, automatically switch the close-up image from one speaker to another

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Intelligent Focus

Provides a separate frame for each participant in the room.

AI Noise Reduction

Built-in 12 MEMS microphone array with AI noise reduction

Stereo Speaker

Stereo Sound
Full Frequency

BYOD

Connect to your PC for meeting with a single USB cable

XBar V50 Kit

Package Contents

XBar V50 (With Standard Accessories)	× 1
AP30 Touch Console (With Standard Accessories)	× 1

Physical Specification

Package Dimension (L×W×H)	962 × 169 × 246 mm / 37.9 × 6.7 × 9.7 in
Gross Weight	13.41 kg / 29.56 lb

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

Operating System

MDEP	Supported
OS	Andriod 13

XBar V50:

Camera

Camera Quantity	2
Pixel	50MP + 50MP
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

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
Working Mode	AP + STA
Bluetooth	5.2

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	5.55 kg / 12.24 lb

Audio

Speaker:

Speaker Quantity	2
Sound Channel	2.0
Total Output Power	15W + 15W
Maximum Sound Pressure	83 dB SPL@1W/1M
Frequency Range	80 Hz ~ 20 KHz

Microphone:

Microphone Quantity	12
Microphone Frequency Range	18 Hz ~ 16 KHz
AI Feature	Noise Reduction Echo Cancellation Anti-Reverberation AGC Algorithm

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)	For internet connection
RJ45 (M Link)	To connect expansion device

Standard Accessories

Power Adapter	× 1
AC Cable (1.5 m / 4.9 ft)	× 1
HDMI Cable (3 m / 9.8 ft)	× 2
Ethernet Cable (7.5 m / 24.61 ft)	× 1
Mounted Components	× 1

XBar V50 Kit

AP30 Touch Console:

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
PoE Power	Supports two cascaded microphones

Touch System

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

Operating System

Version	Andriod 13

Standard Accessories

Type-C Cable (1.5 m / 4.92 ft)	× 1
Ethernet Cable (7.5 m / 24.61 ft)	× 1
Phillips 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

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.