

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.



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

Panel AP30:

Display	
Size	11.6 inch 1920
Resolution	× 1080 60 Hz
Frequency Refresh Rate	ELED
Backlight Unit	250 nits (Min.)
Brightness With Glass	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.



Camera	
Camera Quantity	2
Pixel	50MP × 2
Sensor	1/1.55 inch
Aperture	F/2.4
USB 3.0	H.264/MJ: 3840*2160, 2560*1440, 1920*1080, 1280*720, 1024*576, 960*540, 800*600, 640*360.
	NV12/YUY2: 1920*1080, 1280*720, 640*360
USB 2.0	H.264/MJ: 3840*2160, 2560*1440, 1920*1080, 1280*720, 1024*576, 960*540, 800*600, 640*360.
	NV12: 1280*720, 640*360 YUY2: 640*360
6x Digital Zoom	
ZOOM Wide	130° (D), 125° (H), 50° (V)
Camera	Electric and automatic lens shutter
Privacy	Auto Framing
Cover	Speaker Tracking
AI Feature	Intelligent Focus
	Smart Gathering
Video Fence	

Power	
Power Requirement	DC 19V
Overall Power (max.)	85 W

Device Management	
Control and Management	MAXHUB Align

Accessories	
Power Adapter AC	× 1
Cable (1.5 m/4.9 ft)	× 1
USB B-A Cable (3 m/9.8 ft)	× 1
Remote Control	× 1
Mounted Components (ADA Standard)	× 1
Positioning Card	× 1

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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	100 Hz ~ 12 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 3.0Type-B×1	To connect to your PC
DC In 2.0	For 19V power supply
RJ45	To connect expansion microphones

Physical Specification	
Product Dimension (L×H×D)	650.8 × 76.6 × 95.7 mm / 25.6 × 3.01 × 3.77 in
Package Dimension (L×H×D)	750 × 136 × 246 mm / 29.5 × 5.4 × 9.7 in
Net Weight	2.68 kg / 5.91 lb
Gross Weight	5.4 kg / 11.9 lb

Environmental Condition	
Operating Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Operating Humidity	10% ~ 90% RH
Storage Humidity	10%~ 90% RH
Altitude	Below 5000 m

