

# MAXHUB XBar U50 Kit Datasheet

MAXHUB XBar U50 is an all-in-one business videobar with a high-resolution camera, a studio-quality speaker, and a microphone range designed for premium small to medium corporate meeting rooms. A unified communication solution supports the connection to a laptop. The videobar can be used as a wide-angle camera, double full-frequency speaker and noise-reduction microphone with intelligent features such as Auto Framing, Speaker Tracking and Intelligent Focus.



## 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

**Camera**

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

**Audio**

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

**Power**

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

**Input/Output Port**

USB 3.0 Type-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

**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.