MAXHUB XBar U50 Datasheet

MAXHUB XBar U50 is an all-in-one videobar with a high-resolution camera, a studio-quality speaker, and a microphone range that can cover premium a small-to-medium room. 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	**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
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

Power

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

Device Management

Control and Management	MAXHUB Align

Accessories

Power Adapter	× 1
AC 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

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 (Commissioning Software required)

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)	Product package 1 pc: 750 × 136 × 246 mm Product package 2 pcs: 790 × 290 × 295 mm
Net Weight	2.68 kg / 5.91 lb
Gross Weight	Product package 1 pc: 5.4 kg / 11.9 lb Product package 2 pcs: 12.4 kg / 27.3 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.