

Specification- W-AL Series

Recording & Broadcasting Solution



directional mic



4K normalized recording
and live-streaming equipment



binocular tracking camera



Model No.: WX-AL600

Description: Normalized R&B Host

Quantity: 1 PCS

Main Features:

- All-in-one design, integrated touch, speaker, I/O, 1 TB storage, R&B system into one unit
- Recording, livestreaming (RTMP), channel preview, interaction, OSD, storage, audio & video encoding
- Speech-to-text (Chinese & English), virtual background editing, behavior analysis, remote interaction



Specification

Item	Details
OS	Linux-based, 8 Core CPU
Storage	8 GB RAM + 1 TB ROM
Working Hour	7 × 24 h
Display	17.3" PCAP AF touch screen
HDMI IN	2
USB-C	1
HDMI OUT	3
LINE IN	1
AUDIO IN	1
LINE OUT	1
AUDIO OUT	1
RS232	2
USB 3.0	4
RJ45 IN	1
RJ45 (PoE)	4
Video Encoding	H.265/H.264, 4K (3840×2160) decoding
Protocol	IPv4/IPv6
Dimension	313.5 × 384 × 59 mm
Weight	3.8 kg

Model No.: WX-C800T (Teacher Camera)**WX-C800S (Student Camera)****Quantity:** 1 PCS for each**Main Features:**

- Integrated dual-lens design (panoramic + close-up)
- 8 MP close-up lens + 5 MP wide-angle panoramic lens
- Intelligent teaching tracking with AI recognition
- Built-in director function, multi-camera directing streams
- EPTZ, $\pm 40^\circ$ horizontal rotation
- I/O: PoE, USB 3.0, 3G-SDI

**Specifications**

Close-up Lens:	1/2.7" CMOS, 8.29 MP, M12 mount, 2 $\times$ digital zoom
Panoramic Lens:	1/2.7" CMOS, 4.93 MP, M12 mount, FoV up to 110°
Video Encoding:	H.265/H.264/MJPEG, up to 4K
Audio:	Line-in/out, USB, SDI, network audio with sync
USB:	UVC 1.1, supports Win/macOS/Linux/Chrome OS
Network Protocols:	TCP/IP, HTTP, HTTPS, NDI, SRT, RTSP, RTMP, Onvif, DHCP, GB28181, Multicast
Power:	DC 12V / PoE (802.3af) / PoC, Max 12W
Dimensions:	242.05 $\times$ 86.03 $\times$ 70.55 mm
Weight:	0.62 kg

Model No.: WX-MIC500**Description: Ceiling Microphone****Quantity: 2 PCS****Specifications:**

Item	Details
Type	Condenser Microphone
Frequency Response	20 Hz ~ 20 kHz
Sensitivity	12 mV/Pa
Nominal Impedance	$\leq 150 \Omega$
Recommended Load	$\geq 1 \text{ k}\Omega$
Signal-to-Noise Ratio	65 dB (1 kHz at 1 Pa)

Max SPL (THD <0.5%)	110 dB SPL
Current Consumption	$\leq 3 \text{ mA}$
Connection	Type XLR-3
Working Temperature	-10° ~ 50°
Size	$\phi 21 \times 141 \text{ mm}$
Weight	176 g
Surface Material	Matte Black Paint
Body Material	Brass



