

AZULLC®



iVyu
AI MINI CAMERA

USER MANUAL

STEP 1: UNBOXING THE IVYU CAMERA

Remove the camera from the box and check all components. Ensure you have the camera, mounting plate with ball joint, and adhesive tape in hand.



CAMERA



MOUNTING PLATE



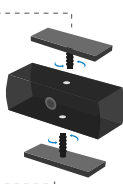
ADHESIVE TAPE

STEP 2: MOUNTING THE IVYU CAMERA

The camera is built with two mounting holes to allow both top and bottom placements.

Inverted Setup: If you prefer to attach the camera at the bottom of the screen, use the top screw.

Standard Setup: Mount the camera using the bottom screw if you're attaching the camera on top of the screen.



STEP 3: ATTACH THE MOUNT

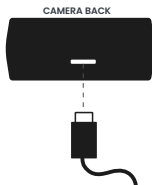
Mount on Screen: Make sure the surface is clean and use the adhesive tape to fix the plate to the screen, pressing firmly for proper adhesion.



ADHESIVE TAPE

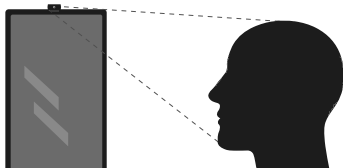
STEP 4: CONNECT THE CAMERA

Connect the camera to the AI system using the USB cable. Refer to the AI software's documentation for additional setup instructions.



STEP 5: TEST THE SETUP

Power on the camera and test the connection to your AI system. Adjust the camera angle if necessary to fine-tune its focus on subjects' movements, facial expressions, and demographics.



2 PRODUCT SPECIFICATIONS

LENS PARAMETER	1/2.7" 3MP Adjustable Lens, HFOV 95 Degree D110° x H95° x V69° ± 5°
MAX RESOLUTION	1920(H)x1080(V)
COMPRESSION FORMAT	MJPEG, YUY2
RESOLUTION & FRAME RATE	1920x1080, 30fps 1280 x 1024, 30fps 1280 x 960, 30fps 1280 x 720, 30fps 1024x 768, 30fps 800x 600, 30fps 640X480, 30fps 320 x 240, 30fps
DYANMIC RANGE	105 db
HORIZONTAL FOV	95 HFOV
S/N RATIO	41 db
TYPE-C PORT	USB 2.0 (x1)
SUPPORT OTG PROTOCOL	USB 2.0 OTG (x1)
MIC	Dual digital MIC
POWER SUPPLY	Type-C USB, 5V
WORKING TEMPERATURE	-10°C ~ 60°C
CABLE	1M
OPERATING SYSTEM	Android, Windows 10/11, Linux with UVC

3 SYSTEM REQUIREMENTS

To ensure optimal performance of the iVyu AI Camera, please verify your system meets the following minimum requirements:



AI Software Compatibility: AI cameras work best with proprietary or licensed AI platforms capable of real-time data processing.

Hardware: The camera comes with high-quality sensors and processing capabilities. The performance of object detection is largely dependent on the AI software's ability to handle real-time data.

Customization: Since detection speed and quality rely on your internal AI systems, ensure your infrastructure can handle high-resolution video streams for optimal performance.



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