

User_Manual

1. Product name

Abbreviation : PMA

Full name : Princeton MicArray

2. Product model

PMA1.0

3. Accessory check

PMAdevice (1) Power Adapter (1)

4. Product feature introduction

The product is one type of AI device can be used in meeting room. The main application scenarios as below : during a meeting , the product captures voice from participants via the mic array , and records video via the fisheye lens at the same time. Device will transmit audio / video streaming to the cloud end and then process the data , it will do auditory localization and face recognition to identify the speakers in the meeting , and then convert speech into text , output the meeting minutes finally.

5. Appearance illustrate



6. Hardware specification

Hardware Specification			
Category	Item	Description	Remark
Appearance	Dimension	Cone , Height300mm,bottom165mm , top32mm	Black
Platform	AP	Ambarella , S5L66 , 4*A53@1GHz	
	Sensor	Sony , IMX226	
	Wifi module	AP6356	
	OS	Linux	
Lens	Fisheye lens	Single fisheye lens , 190° wide-angle	
Display	Rope Light	LED indicate for work /mute/standby , etc	
Key/Port	Key*4	volume adjustment、mute、voicecontrol	
	Reset key	at the bottom of the device	
	Ethernet port	Ethernet RJ45	Gigabit Lan
	USB	USB2.0	
Audio	Speaker	1*10W	
	MIC	6+1*MEMS MIC	
Power supply	Battery	No battery	
	Power	12V , 2A , America standard power adapter	
Wirelessconnection	WiFi	802.11b/g/n/ac , 2.4GHz/5GHz	

7. Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radiofrequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

FCC ID: **2ASEF-PMA10**