

# iCam P11

12x HD Dual-lens Auto Framing PTZ Camera

Datasheet



## Overview

The iCam P11 has dual lens: small panoramic HD wide angle lens detects conference attendee(s), it covers a horizontal FOV of 88 degrees; the big PTZ tracking camera frames the appropriate position based on numbers of attendee(s), it has a 12x optical zoom. The Camera itself does everything, free of manpower or any additional equipment, it is easy enough to install and manage.

The iCam P11 camera keeps constantly detecting attendee(s) in the conference room, then automatically pan, tilt, and zoom to the appropriate positions to frame all attendee(s); once attendee(s) changes, the camera will adjust framing positions accordingly.

## Features



Dual-lens design: 1x panoramic camera for detecting, 2x PTZ camera for tracking  
Auto Framing Tracking  
Support SDI, HDMI, RJ45 and USB 3.0 outputs.  
12X Optical Zoom  
Motion & Facial Framing  
RSTP / RTMP Streaming  
Multiple Video Outputs  
1080p@60 FPS SDI Feed  
1080p@60 FPS IP Feed  
H.264 video compression  
72.5° Field of View  
Software Interface  
Supported VISCA Protocol & VISCA over IP  
IR remote and RS-232, RS-485 control  
Photobooth Functionality  
Control Zones  
Control Zone Triggers

## Spec

<b>Model</b>	<b>iCam P11</b>
Name	12x HD Dual-lens Auto Framing PTZ Camera
<b>Tracking Camera</b>	
Image Sensor	1/2.8" CMOS, 2.14 megapixel
Focal Lens	f=3.9mm-46.8mm
Iris	F1.6 – F2.8
Optical Zoom	12x
Digital Zoom	8x
Angle of view	72.5°-6.3°
Focus	Auto, Manual, PTZ Trigger, One Push Trigger
Min. Illumination	0.5lux
Shutter	1/60~ 1/10,000 s
Gain	Auto/Manual
White Balance	Auto, One Push, Manual, Static color temperature
Exposure	Auto, Manual, Iris Priority, Shutter priority, Brightness Priority
S/N Ratio	≥50dB
Menu	YES
<b>Full-view Camera</b>	
Image Sensor	1/2.8" CMOS, 2.14 megapixel
White Balance	Auto
Exposure	Auto
Lens	Fix-focus 2.4mm
Angle of view	Horizontal:88°, Vertical:54°

<b>PTZ</b>	
Pan Range	-170°~+170°
Tilt Range	-30°~+90°
Pan Speed	0.1°~120°/s
Tilt Speed	0.1°~90°/s
Flip	Support
Preset Number	64
<b>Interface</b>	
HDMI	1x HDMI; Video resolution 1080P60/P50/P30/P25,
Network	RJ45 (10/100M) interface, optional POE; 1. Video resolution up to 1080P60; 2. Video format: support H.264, H.265; 3. Network protocols: ONVIF, RTSP, RTMP; 4. Audio compression: AAC. 5. Support multi-stream
USB	1XUSB3.0 1. UVC Protocol: UVC1.1; 2. UVC video compression support H.265/H.264/MJPEG; Video resolution 1080P30/P25, 720P30/P25, 360P30/P25; 3. UAC Audio format: PCM.
3G-SDI	1x 3G-SDI; Video resolution: 1080P60/P50/P30/P25,
Audio interface	1x LINE IN, 3.5mm
Control interface	1x RS-232 IN, 1x RS-232 OUT (485)
TF card	TF card, Max 64G
Power supply	DC12V
<b>General</b>	
Control protocol	VISCA
Power Consumption	< 15W
Working Temp	0°C ~ + 40°C
Storage Temp	-20°C~+60°C
Working humidity	10%RH ~ 90 %RH
Storage humidity	10%RH ~ 95 %RH
Dimensions	243mm×157mm×163mm
Weight	1.2kg
Color	Gray