

# iCam P30

4K60 PTZ Conference Camera  
12x Optical and 16x Digital Zoom, USB 3.0



### 4K60 UHD

SONY 1/ 2.5 inch,  
8.51 million pixel  
4K UHD CMOS sensor

### Built-in Microphone

Built-in microphone,  
9 meters pickup distance

### Capture the detail

HFOV 71°, 12x optical  
and 16x digital zoom

### USB 3.0

USB3.0 compatible with USB2.0,  
support audio, compressed  
video output, UVC v1.5

- 4K60 UHD: SONY 1/ 2.5 inch, 8.51 million pixel 4K UHD CMOS sensor
- Built-in Microphone, 9 meters pickup distance
- HFOV 71°, 12x optical and 16x digital zoom
- USB3.0 compatible with USB2.0, support audio, compressed video output, UVC v1.5
- Support PoE, RS232, RS485, IR
- Low light environment enhancement technology.
- 2D/3D Noise Reduction, WDR



# 4K60 PTZ Conference Camera

The iCam P30 camera is designed for next-generation of the mid-to-large video conferencing. With 4K 60fps image quality, premium 12x optical and 16x digital zoom, the 71° wide-angle camera plus PTZ control brings you a new generation of crystal-clear video conference.



## Superior 4K 60fps Imaging Clarity

With low light improvement technology.

High SNR of CMOS sensor combined with 2D and 3D noise reduction algorithm, effectively reduce the noise, even under low illumination conditions, picture can still be clean and clear.



## Wide-angle PTZ Performance for Complete Coverage

Tilt  $\pm 30^\circ$ , Pan  $\pm 170^\circ$ , HFoV  $71^\circ$ , Up to 255 presets

Make sure everyone in your meeting gets the attention they deserve. HFoV  $71^\circ$  aligned with wide-angle pan and tilt control ensures full-room visibility. You can choose from 255 presets to help you jump between whiteboards and speakers instantly.



Tilt ±30°



HFOV 71°



Pan ±170°

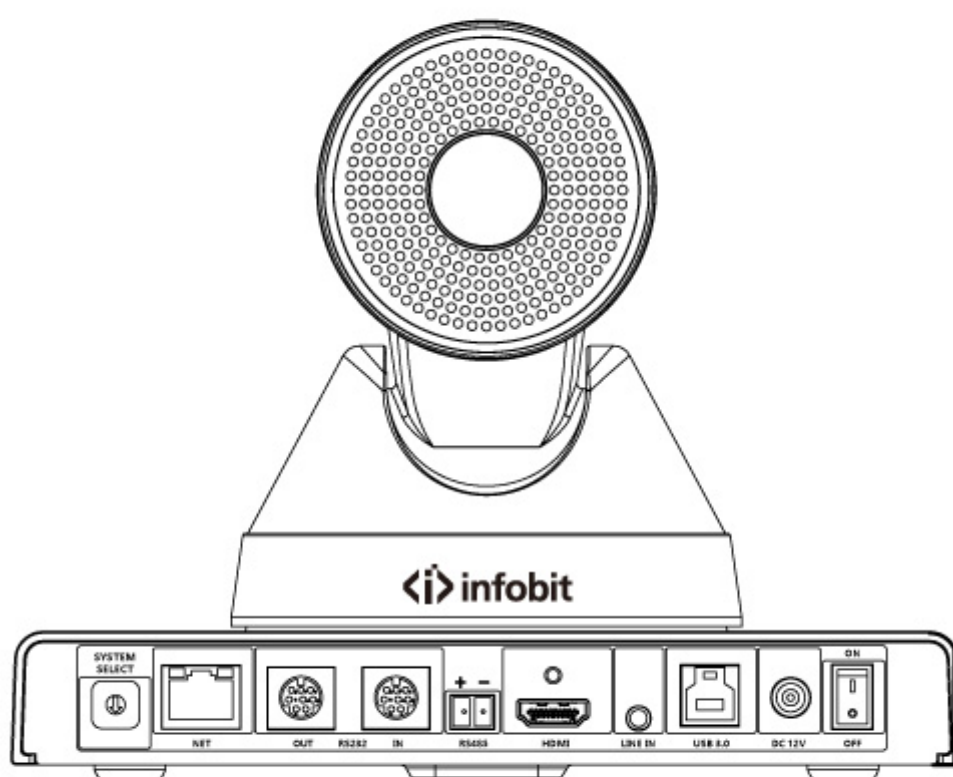
## 12x Optical and 16x Digital Zoom

12x optical zoom and 16x times digital zoom means you can bring your audience's attention to even the finest details of your presentation, without any loss of clarity. Responsive autofocus keeps images sharp and clear, even after zooming. Make sure to focus on every detail.



## Working with Collaboration Tools well

The iCam P30 is a flexible camera that can work with a host of popular in-room devices and meeting tools based on RS232 protocol communication.



# Datasheet

<b>Camera</b>	
Video System	4K@60/50/30/25/59.94/29.97fps, 1080P@60/50/30/59.94/29.97fps, 1080I@60/50/59.94fps, 720P@60/59.94fps
Sensor	1/2.5", CMOS, Max Effective Pixel: 851M
Scanning Mode	Progressive
Lens	12x, f = 4.4mm ~ 52.8mm, F1.8 ~ F2.6
Digital zoom	16x
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, Specified color temperature
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Horizontal Angle of View	71° ~ 8.2°
Vertical Angle of View	42.7° ~ 4.5°
Horizontal Rotation Range	±170°
Vertical Rotation Range	-30° ~ +90°
Pan Speed Range	1.7° ~ 100° /s
Tilt Speed Range	1.7° ~ 69.9° /s
H & V Flip	Support
PoE	support (optional)
people counting	support (optional)
Number of Preset	255
Preset Accuracy	0.1°
<b>USB Features</b>	
Operate System	Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android
Color System / Compression	YUY2 / H.264 / MJPEG
Video Format	YUY2: max 1080P@30fps H.264 AVC: max 2160P@60fps H.264 SVC: max 2160P@60fps MJPEG: max 2160P@60fps
Audio on USB	Support
USB Video Communication Protocol	UVC 1.1 ~ UVC 1.5
UVC PTZ	Support

<b>Input/Output Interface</b>	
HD Output	1xHDMI: Version 2.0
Audio Interface	1-ch: 3.5mm Audio Interface, Line In
USB Interface	1xUSB 3.0: type B
Network interface	1xRJ45: 10M/100M/1000M Ethernet Interface
Communication Interface	1xRS232 In: 8pin Min DIN, Max Distance: 30m, VISCA/Pelco-D/Pelco-P Protocol.
Power Jack	JEITA (DC IN 12V)
<b>Network Features</b>	
Video Compression	H.265 / H.264 / MJPEG
Video Stream	Main Stream, Sub Stream
Main Stream Resolution	3840×2160, 1920×1080, 1280×720, 1024×576, etc.
Sub Stream Resolution	1920×1080, 1280×720, 720×576, etc.
Video Bit Rate	32Kbps ~ 20480Kbps
Bit Rate Type	Variable Rate, Fixed Rate
Frame Rate	50Hz: 1fps ~ 25fps, 60Hz: 1fps ~ 30fps
Audio Compression	AAC, G711
Audio Bit Rate	48Kbps, 64Kbps, 96Kbps, 128Kbps
Support protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.
<b>General</b>	
Input Voltage	DC 12V / PoE (802.3af)
Current Consumption	1.0A (Max)
Operating Temperature	-10°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	12W (Max)
Size	200mm(W) x 176mm(H) x 130mm(D)
Net Weight	1.41kg



[www.osf-av.com](http://www.osf-av.com)



[commercial@osf-av.fr](mailto:commercial@osf-av.fr)



01 85 11 06 65

