IDO515 U2 Full HD Video Conference Camera ▶ Data Sheet

Full HD, Wide View Angle, Multi-protocols, Multiple Video Interfaces

The IDO515 U2 camera offers perfect functions, superior performance and rich interfaces. The features include advanced ISP processing algorithms to provide vivid images with a strong sense of depth, high resolution, and fantastic color rendition. It supports H.264/H.265 encoding which makes motion video fluent and clear even under less than ideal bandwidth conditions.

Key Features

- **Superb High-definition Image**
  IDO515 U2 employs **1/2.9 inch** high quality Sony cmos sensor. Resolution is up to 1920x1080 with frame rate up to 30fps.

- **Leading Auto Focus Technology**
  Leading auto focus algorithm makes lens a fast, accurate and stable auto-focusing.

- **Low Noise and High SNR**
  Low Noise CMOS effectively ensure high SNR of camera video. Advanced 2D/3D noise reduction technology is also used to further reduce the noise, while ensuring image sharpness.

- **Multiple Control Interface**
  RS232, RS485: RS232 support daisy chain, convenient for installation on projects.

- **Wide-range, Quiet and Quick Pan/Tilt Mechanism**
  By adopting step driving motor mechanism, IDO515U2 camera works extremely quiet and moves smoothly .

- **Multiple Control Protocols**
  Support VISCA, Pelco-D, Pelco-P and support auto-recognize protocol.

- **Low-power Sleep Function**
  Support low-power sleep/wake up, the consumption is lower than 400mW under sleep mode.

- **Preset**
  Support up to 255 presets(10presets by remote)

- **Wide Application**
  Tele-education,Lecture Capture,Webcasting, Videoconferencing,Tele-training,Tele-medicine, Interrogation and Emergency command systems.

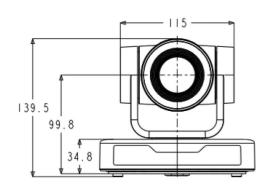| Model Number	IDO515 U2
Camera Parameter	
Image Sensor	1/2.9 Inch High Quality CMOS Sensor
Effective Pixels	2.07MP, 16:9
Video Format	1920×1080P@30 fps/25fps; 1280×720P@30fps/25fps; 1024×576P@30fps/25fps; 960×540P@30fps/25fps; 800×448P@30fps/25fps; 640×360P@30fps/25fps; 320×176P@30fps/25fps
Optical Lens	10X Optical Lens f＝4.34mm～41.66mm
View Angle	8.8° ～ 68.8°
Iris	F1.85 – F2.43
Digital Zoom	10X
Low Illumination	0.5Lux(F1.8, AGC ON)
DNR	2D & 3DDNR
White Balance	Auto / Manual/ One Push//3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K
Focus	Auto / Manual/ One Push
Electronic Shutter	Auto / Manual
BLC	On/Off
WDR	OFF/ Dynamic Level Adjustment
Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve
SNR	>55dB
Interface and Protocol	
Video Output	USB2.0
Video Stream	Dual Stream
Video Compression	H.265, H.264, MJPG
Control Port	RS232(Circuit), RS485
Control Protocol	Protocol: VISCA/Pelco-D/Pelco-P
Power Supply	HEC3800 Outlet (DC12V)
Power Adapter	Input AC110V-AC220V, output DC12V/1.5A
Power Input	DC12V±10%, 1A(Max)
Power Consumption	12W(Max)
USB characteristics	
Operating System	Windows 7,Windows8,Windows10,Mac OSX, Linux
Video Compression	H.265, H.264, MJPG
Communication Protocol	UVC
PTZ Parameter	
Pan/Tilt Rotation	-170°~+170°, -30°~+30°
Pan/Tilt Control Speed	0.1~60°/Second, 0.1~30°/Second
Preset Speed	Pan:60°/Second, Tilt: 30°/Second
Preset Numbers	255 Points Preset (10 points By Remote Controller)
Other Parameter	
Working Voltage	12V
Working current	0.25A(max)
Power Consumption	2.5W(max)
Storage Temperature	-10℃~+60℃, 20%~95%
Working Temperature	-10℃~+50℃, 20%~80%
Dimension	156.8mm×112.6mm×139.5mm
Weight	About 1kg
Usage	Indoor Only
Package	12V/1.5A Power supply, Remote Controller, Manual, Warranty Card, USB2.0 Cable

Accessories Optional	Mount (Extra Cost)

Dimension (unit: mm)