

TLC-700-U3 USB3.0 HD Video Camera

1080P60

20XZoom

57.4° Angle

DVI-I(HDMI)

USB3.0



Advantages

- ▶ Ultra crystal video quality: with advanced 1/2.86 inch 8MP sensor and high quality 20xlens
- ▶ Fast switching between different video formats: only 3 seconds needed
- ▶ Fast and accurate focus performance
- ▶ Easy firmware upgrade: no need to open the camera housing
- ▶ USB2.0 compatible
- ▶ Daisy Chain function: with both Visca in and Visca out port
- ▶ Compatible with the majority of video conferencing software(UVC1.5 protocol standard)
- ▶ With powerful functional remote controller
- ▶ Multi language OSD menu: support English, Chinese, Russian, Spanish
- ▶ 2 years warranty offered

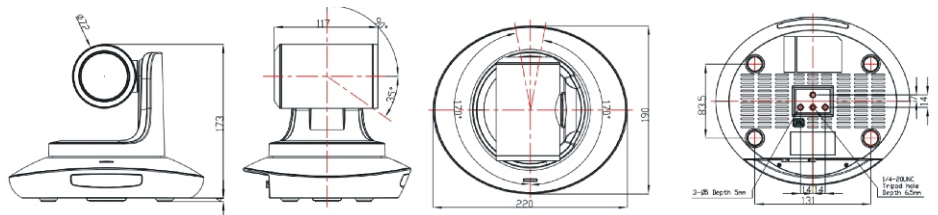
Features

- ▶ USB3.0 & DVI-I(HDMI) simultaneously output
- ▶ Zoom: 20X Optical Zoom+12X Digital Zoom
- ▶ 1920x1080p 60fps high resolution
- ▶ 57.4 Degree field of view:
- ▶ Ultra smooth PTZ mechanism
- ▶ Accurate PT motor control
- ▶ Up to 128 presets
- ▶ Effective RS232/485 serial control
- ▶ Exposure Compensation, 3D-noise reduction function
- ▶ Image flip function support upside-down installation
- ▶ Mounts: Wall mount & in-ceiling mount available
- ▶ Sony Visca and Pelco P/D protocol controls

Input/Output Interface



Dimensional Drawing (mm)



For more details, contact
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Technical Specification

Model	TLC-700-U3		
Sensor	1/2.86 inch high quality 8MP HD CMOS sensor,		
Video System	DVI-I (HDMI) port	USB3.0 port	USB2.0 port
	1080p60/50/30/25; 720p60/50/30/25; 1080i60/50	1080p60/50/30/25; 720p60/50/30/25; 1024*768P30; 800*600P30;1024*576P30; 960*540P30;704*576P30; 640*480P30;576*448P30; 768*448P30;640*360P30; 512*288P30;352*288P30; 176*144P30;	800*600P30;1024*576P30; 960*540P30;704*576P30; 640*480P30;576*448P30; 768*448P30;640*360P30; 512*288P30;352*288P30; 176*144P30;
Zoom	20X optical zoom+12X digital zoom		
View Angle	3.2° (wide) ~57.4° (tele)		
Pan Rotation Angle	-170° ~ +170°		
Tilt Rotation Angle	-30° ~ +90°		
Pan Rotation Speed	0° ~120° /s		
Tilt Rotation Speed	0° ~80° /s		
Preset	128		
Control Port	RS232/RS485 / USB3.0		
Video Port	DVI-I(HDMI) / USB3.0		
SNR	>75dB		
Focal Length	f=4.7(wide)~94mm(tele)		
Minimum Lux	0.2Lux(Day), 0.1Lux(Night), 0.005Lux(DSS on)		
White Balance	Auto / Manual		
Focus	Auto / Manual		
Iris	Auto / Manual		
Electronic Shutter	Auto / Manual		
BLC	Auto / Manual		
Input Voltage	DC12V		
Dimension (WxHxW)	220mm × 173mm × 117mm		
Net Weight	1.25KG(2.8LBS)		

Order Model No.

Model No.	Max.Resolution	Zoom	Output	Color
TLC-700-F-U3-12	1080P60	20X	USB3.0+DVI-I(HDMI)	Silver+Black
TLC-700-H-U3-12	1080P30	20X	USB3.0+DVI-I(HDMI)	Silver+Black

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