



## HDP20xT & HDP20xT-NDI – TRI-brid Series HD PTZ Cameras

Previously Model - HD21N

The New "TRI-brid Series" of Reach Cameras allow for *simultaneous output of live images* via USB, POE IP, HD-SDI and HDMI. This makes the HDP20xT one of the most versatile installation HD PTZ Cameras on the market. Its new Sony imager gives it excellent color reproduction, even in the most difficult of lighting conditions. And the combination of USB video and control as well as IP Streaming will let you stream your event with sharp and crisp results.

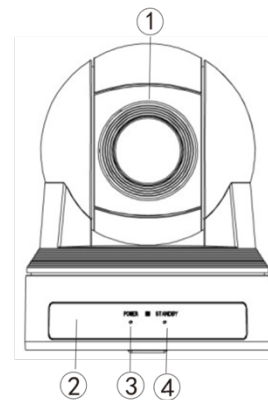
### Key Features:

- ✓ HD PTZ camera: 1/2.8" SONY CMOS, 1080P, 3.5 Megapixels
- ✓ 20X Optical Zoom with ultra-clear image quality, even in low light
- ✓ Simultaneous 1080P video output interfaces: HDMI, 3G-SDI, POE IP & USB
- ✓ Multiple Video Formats Output: 1080p60/50, 1080p30/25, 1080i60/50, 720p60/50
- ✓ Multiple Video compression: H.265/H.264 & MJPEG video compression
- ✓ Multiple Network Protocol Support ONVIF, RTSP, RTMP and RTMPS push mode (direct streaming to media services: Facebook Live & YouTube) \*\*and NDI for HDP20xT-NDI model
- ✓ Supports VISCA, Pelco-D, & Pelco-P
- ✓ Supports POE power (802.3af <15 Watts) and includes 12v 2amp Power Supply
- ✓ Firmware Update via Web Browser
- ✓ Adopt 2D and 3D DNR Motion Estimation Algorithm, Low Noise CMOS Sensor
- ✓ Quiet Motor, Servo Algorithm for PTZ Control, Precise location ( $\pm 0.01^\circ$ )
- ✓ 355° Horizontal precision positioning with 120° Vertical Tilt
- ✓ Horizontal rotational Speed 0.1-80°/s; Vertical Speed: 0.1-60°/s
- ✓ Multi-function IR remote controller can control PTZ, Lens and other function conveniently
- ✓ Supports up to 200 preset positions
- ✓ IR Remote Control, IP Web Browser, & RS-422/RS-485 Control
- ✓ IR Transparent Transmission: Able to Receive the Video Conference Terminal's IR Control Signal
- ✓ Image flip support for desktop and ceiling installations (mount included)

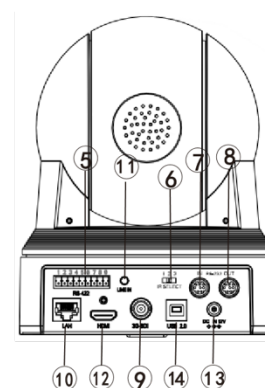
# HDP20xT & HDP20xT-NDI

## – TRI-brid Series HD PTZ Cameras

Specifications	
Image Sensor	1/2.8" Progressive CMOS
Effective Pixels	3.5Megapixels
Resolution HD	1080p60/50/59.94, 1080p30/25/29.97, 1080i60/50/59.94, 720p60/50
Signal	PAL/NTSC
Lens	20X optical zoom
Foci	f=4.7mm(W)~94.0 mm(T)
Horizontal View Angle	58.7°(W)~3.2°(T)
Focus System	Auto/Manual
Minimum Illumination	0.1Lux
Exposure Control	Auto/Manual
Shutter	1/1~1/10000s
Gain	Auto/Manual
White Balance	Auto/Indoor/Outdoor/Manual
Image Effect	Full color / Black & White / Image flip
S/N Ratio	≥50db
Pan	355° (max. speed: 80°/s)
Tilt	-30° to +90° (max. speed: 60°/s)
Preset Position	9 by remote, up to 200 preset positions by PC or remote control unit
Video Output HD	HDMI / 3G-SDI / USB 2.0 / RJ-45
Control protocol	SONY VISCA, PELCO P/D
Network protocol	VISCA over IP, RTSP, RTMP, ONVIF; **NDI for model HDP20xT-NDI
Power	12V DC (10.8~13.0V DC)
Consumption	Max. 30W (DC 12V)
Control Mode	RS-232C, RS-422/485, USB Control
Working Temp	32°F~104°F / 0°C~40°C
Storage Temp	-4°F~140°F / -20°C~60°C
Dimensions (L x W x H)	6.69 x 5.95 x 7.48 in / 170 x 151 x 190mm
Weight	2.89 lbs / 1310 g
Color	White (HDP20xT) Black (HDP20xT-NDI)
Accessories	DC 12V Power Adapter, IR Remote, RS232C cable, HDMI cable, USB cable, Ceiling bracket, User Manual



Front	
No.	Function
1	Lens
2	Sensor for Remote Control
3	Power
4	Standby



Back	
No.	Function
5	RS-422C / 485 VISCA/PELCO
6	IR select switch
7	VISCA RS-232C IN connector
8	VISCA RS-232C OUT connector
9	3G-SDI HD video output
10	RJ – 45 Network video output
11	Line - in
12	HDMI video output
13	DC IN 12V input (2 amp)
14	USB video output