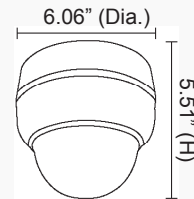


## HD-TVI Full HD PTZ Camera

**HTPTZ20T** 4.7 - 94mm 20x optical zoom lens, white housing



### Features

- Full HD 1080p @ 30fps
- 20x optical zoom lens
- True WDR (wide dynamic range)
- True Day/Night function
- 240 preset positions
- 4 Alarm Inputs / 2 Alarm Outputs
- 16x digital zoom
- Max 380°/sec speed
- Additional analog output for 960H
- Full OSD control via UTC (pan, tilt, and zoom)
- IP66 compliant, weather resistant
- 1 year warranty

### Camera Specifications

Image Sensor	1/2.8" Sony Starvis CMOS Sensor
Resolution	1080p @ 30fps / 720p @ 60fps
Minimum Illumination	Color: 0.35 lux, BW 0.013 lux, 50IRE
S/N Ratio	More than 50dB
Video Output	HD-TVI, Composite
Total Pixels	1945 (H) x 1097 (V)
Scanning System	Progressive
Zoom	20x (optical)
Focal Length	3.9mm (wide) - 85.8mm (tele)
Max. Aperture Ratio	F1.6 (wide) - F3.7 (tele)
Angular Field Of View	3.9mm - 49.5° (H) / 85.8mm - 2.4° (H)
Focus	Auto / Manual / One Push / Constant Manual

### PTZ Function

Pan Range	360° Endless
Pan Speed	Max: 380°/sec (preset)
Tilt Range	10° - 190° (digital flip)
Tilt Speed	Max: 380°/sec (preset)
Preset Positions	240
Tour	8
Pattern	8

### Operational Specifications

Camera Title	On / Off (6 character)
Defog	Yes
Day/Night	Auto / Color / BW / Global
Motion Detection	Yes
Wide Dynamic Range	On / Off
Backlight Compensation	Yes
Digital Image Stabilization	On / Off
Privacy Masking	16
Digital Noise Reduction	3DNR
Digital Slow Shutter	On / Off

### Operational Specifications (continued)

White Balance	Auto / Fluorescent / Incandescent / Outdoor / Manual
Electronic Shutter Speed	Auto / Manual
Digital Zoom	16x
AGC	Min. / Low / Middle / High
Communication	RS-485, UTC
Protocol	Speco-C (TVI), Pelco-D (Analog), Pelco-P (Analog)
Alarm	4 Inputs, 2 Outputs
Operating Temperature / Humidity	14° F - 122° F / 0% - 90% RH (non-condensing)
Input Voltage	12VDC / 24VAC
Power Supply	12VDC / 24VAC, dual voltage operation (power supply not included)
Power Consumption	1A
Dimensions	5.51" (H) x 6.06" (Dia.)
Weight	3.3 lbs.

**NDAA COMPLIANT**

\*Products are in compliance with NDAA Section 889 Part B Guidelines

### Optional Accessories



**PSW5**  
12VDC  
Power Supply



**PSW4**  
24VAC  
Power Supply



**TVIUTPPT**  
HD Video  
Transceiver with  
Pigtail (Balun)



**TVIUPT**  
HD Video  
Transceiver



**WMA29DW**  
Wall Mount



**PEN29DW**  
Pendant Arm



**PMA29DW**  
Pole Mount  
Adapter



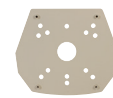
**POL28DW**  
Pole Mount



**APT32DW**  
Adapter Plate for  
COR32DW or  
POL28DW



**COR32DW**  
Corner Mount  
Adapter



**APT29DW**  
Adapter Plate for  
COR32DW or POL28DW  
when using WMA29DW



**WAC29DW**  
Wall / Ceiling  
Mount



**KBDPTZ1**  
Keyboard  
Controller

Speco Technologies is constantly developing and improving products. We reserve the right to modify product design and specifications without notice and without incurring any obligation. Spec Rev. 2/23/22