



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	1/2.9" Sony 4Mega STARVIS CMOS
Resolution	2184 (H) x 2202 (V)
Minimum Illumination	3096 (H) x 2281 (V)
S/N Ratio	0.001 lux @ F1.2, (sense-up x32)
Video Output	1.0Vp-p / 75 Ohms
Total Pixels	More than 50dB
Scanning System	0-20 level adjustable
Zoom	0-20 level adjustable
Focal Length	Off / Auto (x2 - x32)
Max. Aperture Ratio	On (low middle high) / Off
Angular Field Of View	On / Off
Focus	1 - 20 adjustable

Operating & Unit 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
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)
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.

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

Optional Accessories



TVIUTPPT
HD Video Transceiver
with Pigtail (Balun)



TVIUPT
HD Video
Transceiver



PSW4
24VAC
Power Supply



PSW5
12VDC
Power Supply



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

²To preserve signal quality and distance, Speco Technologies recommends using coax with a 100% copper center conductor and at least 95% braided copper shield. 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. 3/19/18