

# TPV2100-20X

# 2.0MP 20X STARLIGHT PoE IP SPEED DOME CAMERA



<b>Camera</b>	
Image Sensor	1/2.8" CMOS
Effective Pixels	1920(H)x1080(V)
Signal System	PAL/NTSC
Minimum Illumination	Color: 0.002 Lux @(F1.6,AGC ON)
	B/W:0.001Lux @(F1.6,AGC ON) 0 Lux with IR
White Balance	Auto/ ATW/ Manual
AGC	Auto/ Manual
S/N Ratio	≥ 55dB
BLC	Y
HLC	Y
Smart Defog	Y
WDR	140dB
Digital Noise Reduction	3D DNR
Exposure Mode	Auto/ Manual/ Iris First/ Shutter First
Shutter Time	1/1s-1/10000s
Day& Night	Dual-ICR
Optical Zoom	20x
Digital Zoom	16x
Picture Overlay	200 × 200, BMP 24bit, Zone Configurable
OSD	Size:16x16, 32x32, 48x48, 64x64
	Letters, Week, Date, Time, Total 5 Regions
<b>Lens</b>	
Focal Length	5.2mm~98mm
Zoom Speed	Approx.<4s(Optical Wide-Tele)
Angle of View	55.8°(w)~3.2°(t)
Aperture Range	F1.5-F3.0
<b>Pan &amp; Tilt</b>	
Pan Range	360° Endless
Pan Speed	Pan Manual Speed: 0.1° -120°/s
	Pan Preset Speed: 180°/s
Preset Accuracy	±0.4°
Tilt Range	-16°-90° (Auto Flip )
Tilt Speed	Tilt Manual Speed: 0.1°-120°/s
	Tilt Preset Speed: 180°/s
Proportional Zoom	Rotation Speed Can Be Adjusted Automatically According to Zoom Multiples
3D Position	Y
Number of Preset	256
Scan	8
Cruise	4
Pattern	4, Each One With 180s Memory or 1000 Orders
Power Loss Recovery	Y
Guard Action	Preset/ Cruise/ Pattern/ Scan
PTZ Position Display	Y
<b>Infrared</b>	
IR Irradiation Distance	80~100m
IR Irradiation Angle	Adjustable by Zoom
<b>Interface</b>	
Ethernet	1-ch RJ45 10M/ 100M
<b>Network</b>	
Max.Image Resolution	1920x1080
Main Stream	1920x1080@25/30fps; 1280x960@25/30fps; 1280x720@25/30fps;
	1280x720@50/60fps; 704x576@25/30fps; 704x480@50/60fps
Sub Stream	704x576@25fps/704x480@30fps
	352x288@25fps/352x240@30fps 176x144@25fps/176x120@30fps
Third Stream	352x288@25fps/352x240@30fps
Image Compression	H.265/H.264H/H.264M/H.264B/MJPEG
Protocols	TCP / UDP / HTTP / MULTICAST / UPnP / DHCP / DDNS / FTP / NTP / RTP / RTSP / SMTP
Remote Connection	5 Users Access at the Same Time
User/Host Level	Up to 8 Users, 4 Levels
Web Browser	IE8/Firefox24 or above
System Compatibility	ONVIF (Profile S), SDK, CGI
<b>Advance</b>	
Video Analytics	Tripwire/Perimeter
<b>General</b>	
Language	English, Spanish, Korean, Italian, Turkish, Thai, Russian, Polish, French, Traditional Chinese, Simplified Chinese
Operating Conditions	-30°C-65°C, 0~95% RHG
Power Supply	DC12V, POE+
Power Consumption	18W MAX
Circuit Protection	6000V Lightning/ Surge 4000V Protection
Impact Protection	IP66
IR LEDs	4pcs
Dimensions	372mmx222mmx222mm
Weight	4.3KG (IP PTZ Only), 6.7KG (with Packing Box)

## Features

- 1/2.8" CMOS Sensor
- Resolution: Up to 1920x1080@30fps
- H.265 Video Compression
- 5.2mm~98mm Lens, 20X Optical Zoom, 16X Digital Zoom
- Smart IR, IR Distance upto 100 mtr
- Low bitrate ,Excellent low light performance
- Starlight Ultra Low Light 0.002lux
- Triple Stream
- Speed Max 180°/s, -16~90° Tilt Angle
- Mechanical WDR 140dB, 3DDNR, Dual ICR, HLC, BLC, Smart Defog, AWB, AGC
- 6000V Lightning/4000V Surge Protection
- Analytics : Tripwire / Perimeter
- IP66, Metal

## Dimensions

