Detec Full HD IR PTZ IP Camera, 20x

DTC-IRPTZ2MP20XHP

20x Optical Zoom, Full HD, DWDR, 100m IR, 360° Endless Pan, Audio, Lightweight, Compact, IP66, 12VDC & Hi-PoE

Specification

Camera

Image Sensor:	|	1/2.8" Progressive Scan CMOS
Effective Pixels:	|	1920(H)x1080(V)
Signal System:	|	PAL/NTSC
Minimum Illumination:	|	F1.6, AGC On: Color: 0.05 lux, B/W : 0.01 lux, 0 lux with IR
White Balance:	|	Auto /Manual/ ATW/ Indoor/ Outdoor/ Daylight lamp/ Sodium lamp
AGC:	|	Auto /Manual
BLC:	|	ON/OFF
HLC:	|	Support
DWDR:	|	Support
Shutter Time:	|	1-1/10,000s

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Day& Night:	|	ICR (IR Cut Filter – True Day/Night)
Digital Zoom:	|	16X
Privacy Masking:	|	8 privacy masks programmable
Auto Focus:	|	Auto / Semi-automatic / Manual

Lens

Focal Length - Optical Zoom:	|	4.7-94.0mm, 20x
Zoom Speed:	|	Approx. 3s (Optical Wide~Tele)
Angle of View:	|	58.3-3.2 degree (Wide~Tele)
Minimum Working Distance:	|	10~1,000mm(Wide~Tele)
Aperture Range:	|	F1.6~F3.5

Pan & Tilt

Pan Range:	|	360° endless
Pan Speed:	|	Pan Manual Speed: 0.1°~80°/s, Pan Preset Speed: 80°/s
Tilt Range:	|	-15°-90° (Auto Flip)
Tilt Speed:	|	Tilt Manual Speed: 0.1°~80°/s, Tilt Preset Speed: 80°/s
Proportional Zoom:	|	Rotation speed can be adjusted automatically according to zoom multiples
Number of Presets:	|	300
Patrol:	|	8 patrols, up to 32 presets per patrol
Power loss recovery:	|	Support
Park Action:	|	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan
PTZ Position Display:	|	ON/OFF

Infrared

IR irradiation distance:	|	100m
IR irradiation angle:	|	Adjustable by zoom

Input & Output

Audio Input:	|	1 audio input (Mic/Line in), 2-2.4V [p-p]; output impedance: 1KΩ, ±10%
Audio Output:	|	1 Audio output interface, Line level, impedance: 600Ω

Network

Ethernet:	|	10Base -T, /100Base-TX, RJ45 Connector
Max. Image Resolution:	|	1920×1080 (Full HD, 2MP, 16:9)
Main Stream:	|	50Hz: 25fps (1920×1080,1280×960,1280×720), 50fps (1280×960,1280×720); 60Hz: 30fps (1920×1080,1280×960,1280×720), 60fps (1280×960,1280×720)

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Sub Stream:	|	50Hz: 25fps (704×576), 25fps (640×576), 25fps (320×288) 60Hz: 30fps (704×480), 30fps (640×480), 30fps (320×240)
Third Stream:	|	50Hz: 25fps (1920×1080, 1280×960, 1280×720, 704×576, 640x480,352×288) 60Hz: 30fps (1920×1080, 1280×960, 1280×720, 704×576, 640x480,352×288)
Image Compression:	|	H.264 / MJPEG
ROI encoding:	|	Support 4 areas with adjustable levels
Audio Compression:	|	G.711/ G.722/ G.726/ MP2L2
Protocols:	|	IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
No. of Simultaneous Users:	|	Up to 20 users
Dual Stream:	|	Support
Mini SD Card:	|	Support up to 128GB Micro SD/SDHC/SDXC card. Support Edge recording
User/Host Level:	|	Up to 32 users,3 Levels: Administrator, Operator and User
Security Measures:	|	User authentication (ID and PW), Host authentication (MAC address) IP address filtering
System Compatibility:	|	ONVIF (Profile S, Profile G), PSIA, CGI, ISAPI

Client GUI

Camera Control:	|	Pan/Tilt, Zoom, Focus, Click centering, Zoom by mouse dragging, Iris, preset calling and programming, auto mode
Date & Time Display:	|	Time: Week: Date, 6 formats on the Client
Client:	|	Supported in Detec Next Software and most open-standard software brands
Web Browser:	|	IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +

General

Menu Language:	|	English
Power Supply:	|	12 VDC & Hi-PoE
Power Consumption:	|	Max. 20W
Working Temperature/ Humidity:	|	-30°C ~ 65°C (-22°F ~ 149°F)
Protection Level:	|	IP66 standard (outdoor dome) TVS 4,000V lightning protection, surge protection and voltage transient protection
Dimensions:	|	Φ164.5(mm) × 295(mm)
Weight (approx.):	|	2kg (4.41lbs)
Mount Options:	|	Wall mount; DTC-BRKPTZ-WM, Corner mount adapter; DTC-BRKPTZ-CMA, Pole Mount Adapter; DTC-BRKPTZ-PMA, Power junction box mount; DTC-BRKPTZ-JBM; Short ceiling pendant mount; DTC-BRKPTZ-SCPM, Long ceiling pendant mount; DTC-BRKPTZ-LCPM, Roof parapet mount; DTC-BRKPTZ-RPM, Gooseneck surface mount: DTC-BRKPTZ-GSM

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Accessories

Wall mount;
DTC-BRKPTZ-WM

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Corner mount adapter;
DTC-BRKPTZ-CMA

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Pole Mount Adapter;
DTC-BRKPTZ-PMA

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Power junction box mount;
DTC-BRKPTZ-JBM

Short ceiling pendant mount;
DTC-BRKPTZ-SCPM

Long ceiling pendant mount;
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Roof parapet mount;
DTC-BRKPTZ-RPM

Gooseneck surface mount:
DTC-BRKPTZ-GSM

* Adapters are mountable on wall mount or junction box
** Junction box is compatible with wall mount in front and corner and pole mount adapters on back

60W Ultra Hi-PoE Midspan. (Can use 24VAC instead.)