

RS-PT7R20U-20XIP

2MP 20x Lite BrightStar IR POE PTZ Camera



Key Features:



- Up to 1920X1080@30fps
- H.265+/H.265/H.264/M-JPEG
- Min. illumination Color: 0.002Lux@F1.5
- Optical zoom: 20x
- Smart IR, IR Range: 150m
- IP66

Camera	
Image Sensor	1/2.8" CMOS
Signal System	PAL/NTSC
Min. Illumination	Color: 0.002lux@ (F1.5, ACG ON), BW: 0lux with IR
Shutter Time	1s to 1/100,000s
Day & Night	Dual IR Cut Filter with Auto Switch
Wide Dynamic Range	120dB
Optical Zoom	20x
Digital Zoom	N/A
Lens	
Focal Length	4.7mm~94mm
Zoom Speed	<4s
Angle of View	Horizontal filed of view: 55.8° (w)~3.2° (t)
Aperture Range	F1.5~F3.0
Pan&Tilt	
Pan Range	360°
Pan Speed	Pan Manual Speed: 0.1°~120°/s, Pan Preset Speed: 180°/s
Tilt Range	-16°~90° (Auto flip)
Tilt Speed	Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed: 180°/s
3D Position	Yes
Presets	256
Preset Accuracy	±0.6°
Scan	8
Cruise	4, up to 32 presets per cruise
Pattern	4, each with 180s memory or 1000 orders
Power-off Memory	Yes
RS-485 Protocols	N/A
Illuminator	
IR LEDs	6
IR Range	Up to 150m
IR Irradiation Angle	Adjustable by Zoom
White LEDs	N/A
Compression Standard	
Video Compression	H.265+/H.265/H.264/M-JPEG
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression	N/A
Audio Bit Rate	8K~48Kbps
Image	

Max. Resolution	1920×1080
Main Stream	PAL: 25fps (1920×1080, 1280×960, 1280×720) NTSC: 30fps (1920×1080, 1280×960, 1280×720)
Sub Stream	PAL: 25fps (704×576, 704×288, 640×360, 352×288) NTSC: 30fps (704×480, 704×240, 640×360, 352×240)
Third Stream	PAL: 25fps (352×288) NTSC: 30fps (352×240)
Image Setting	Saturation, brightness, contrast, sharpness, adjustable by client software or web browser
Image Enhancement	BLC/3D DNR/HLC
ROI	N/A
OSD	16×16, 24×24, 32×32, 48×48, 64×64, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions
Picture Overlay	Yes
Privacy Mask	Yes
Smart Defog	Yes
Feature	
Alarm Trigger	Harsh Voice Alarm, Motion Detection, Mask Alarm, Port Alarm, Network Disable Alarm, IP Conflict, MAC Conflict Detection
Video Analytics	Tripwire, Double Tripwire, Perimeter, Object Abandon
Early Warning(EW)	N/A
Auto-Tracking	N/A
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, MULTICAST, UPnP, FTP, IPV4, NTP, RTSP, SMTP, IGMP, QoS, PPPoE
System Compatibility	ONVIF (PROFILE S), SDK, CGI, P2P
ANR	Auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection (Only Support RoyalShield ANR NVR)
Remote Connection	≤7
Client	RoyalStation, RoyalView
Web Version	Web5
Interface	
Communication Interface	1 RJ45 10M/100M self adaptive Ethernet port
Audio	N/A
Alarm	N/A
Reset Button	N/A
On-board storage	N/A
RS-485	N/A
BNC	N/A

General

Web Client Language	English
Operating Conditions	-30°C~65°C, 0-95% RH
Power Supply	DC12V±10%/POE+
Power Consumption	12W (IR OFF), 20W (IR ON)
Protection	IP66
Heater	N/A
Dimensions	Φ222x372 mm (Φ8.74×14.65 inch)
Weight	4.5kg (9.92lb)

Accessories

INCLUDED



DF20Y
Wall Mount

OPTIONAL



A37
Installation Adapter



A38
Ceiling Mount



DF21Y
Pendant Mount



A36
Pole Mount



A35
Corner Mount



811
Junction Box

Dimensions

