

ICRealtime IPFX-S20F-W2 2MP IP Indoor Covert Mini Pinhole Camera/2.8mm Lens POE AI On-Board Analytics

Camera	
Image Sensor:	1/2.8 CMOS
Effective Pixels:	1920(H)x1080(V)
RAM/Rom:	512MB / 128MB
Scanning System:	Progressive
Minimum Illumination:	0.005 Lux@F2.0 (Color,30 IRE) 0.0005 Lux@F2.0 (B/W,30 IRE)
S/N Ratio:	More than 50dB
Illumination Distance:	N/A
Illumination On/Off Control:	N/A
Illumination LEDs:	N/A
IR Wavelength:	850 nm
Camera Illumination Type:	IR
Lens	
Lens Type:	Fixed
Mount Type:	Board-in
Focal Length:	2.8mm
Max. Aperture:	F2.0
Angle of View:	H:105° ,V:58°
Focus Control:	Fixed
Close Focus Distance:	1.6ft (0.5 m)
DORI - Detect:	138ft
DORI - Observe:	55ft
DORI - Recognize:	27ft
DORI - Identify:	13ft
Intelligence	
IVS:	Tripwire, Intrusion, loitering detection, people gathering, and parking detection
Advanced Intelligent Functions:	Face Detection: Supports 6 attributes, 8 expressions and 3 snapshot modes Perimeter Protection: Supports human/ vehicle recognition for tripwire, intrusion and fast-moving
Video	
Compression:	H.265; H.264; H.264H; H.264B; MJPEG (sub stream only)
Streaming Capability:	3 Streams
Resolution:	1080P (1920 x 1080) / 1.3M (1280 x 960) / 720P (1280 x 720) / D1 (704 x 576 / 704 x 480) / VGA (640 x 480) / CIF (352 x 288 / 342 x 240)
Frame Rate:	Main stream: 1920 x 1080 @25/30 fps Sub stream: 704 x 576 @25 fps; 704 x 480 @30 fps Third stream: 1920 x 1080 @25/30 fps
Bit Rate Control:	CBR/VBR
Bit Rate:	H.264: 3 kbps-20480 kbps H.265: 3 kbps-20480 kbps
Day/Night:	Electronic
Backlight Compensation:	BLC / HLC / WDR(120dB)
White Balance:	Auto / Natural / Street Lamp / Outdoor / Manual
Gain Control:	Auto / Manual
Noise Reduction:	3D DNR

Motion Detection:	Off / On (4 Zones Rectangular)
Region of Interest:	Off / On (4 Zones)
Smart IR:	N/A
Digital Zoom:	16x
Flip:	0°/90°/180°/270° (support 90°/270° with 1080p resolution and lower)
Mirror:	Off / On
Privacy Masking:	Off / On (4 Areas Rectangle)
Audio	
Compression:	G.711a; G.711Mu; PCM; G.726; G.723
Network	
Ethernet:	RJ-45 (10/100Base-T)
Protocol:	HTTP / HTTPS / TCP / ARP / RTSP / RTP / UDP / SMTP / FTP / DHCP / DNS / DDNS / PPPOE / IPv4 / IPv6 / QoS / UPnP / NTP / Bonjour / 802.1x / Multicast / ICMP / IGMP / SNMP
Interoperability:	ONVIF (Profile S/Profile G/Profile T); CGI; P2P
Streaming Method:	Unicast / Multicast
Max. User Access:	20 (Total bandwidth: 64 M)
Edge Storage:	NAS / Local PC for instant recording / Micro SD Card 256GB
Web Viewer:	IE, Chrome, Firefox, Safari
Management Software:	Smart ICRSS, DSS
Interface	
Audio I/O:	1/1 channel In/Out
Alarm I/O:	2 channel In: 5mA 5VDC / 2 channel Out: 1A 30VDC or 0.5A 50VAC
Memory Slot:	Micro SD card 256GB
Electrical	
Power Supply:	DC12V PoE(802.3af)(Class 0)
Power Consumption:	Basic: 2.3W (12V DC); 2.8W (PoE) Max. (Intelligence + WDR): 3.7W (12V DC); 4.5W (PoE)
Environmental	
Operating Conditions:	-40°F to 140°F (-40°C to +60°C)
Storage Conditions:	-40°F to 140°F (-40°C to +60°C)
Construction	
Casing:	Metal
Dimensions:	Body: 110.0mm×82.7mm×24.0mm(4.33"×3.26"×0.95") Lens: 30.5mm×48.65mm(1.20"×1.91")
Gross Weight:	0.8 lb (376 g)