

## 2Megapixel Vandal 20X PTZ



## KEY FEATURES

- Real-time multi streaming@ Full HD
- True WDR, True Day & Night
- Supports Micro SD card
- Vandal & IP66
- PoE, 24VAC & 12VDC

## Image

Image Sensor	1/2.8" SONY STARVIS CMOS Sensor 1945(H)x1097(V)
Scanning Mode	Progressive Scan
Compression	H.264(Baseline, Main, High Profile), MJPEG
Day & Night Mode	ICR
Min. Illumination	Color : 0.35Lux, BW : 0.013Lux@50IRE
Resolution Supported	1920x1080, 1280x1024, 1280x720/960, 704x480/576, 640x360/480, 320x240
Frame Rate	Max. 50/60fps
Lens	20x(Optical), 16x(Digital) 4.7~94mm
Angle of View	55.5~3°(H)
WDR	True WDR

## Interface

Audio In/Out	1 / 1
Alarm In/Out	4 / 1
Ethernet	RJ-45(10/100Base-T)

## Functions

Motion Detection	Yes, 16 Area
Video Analytics	DIS, Defog, Face Detector, Tampering, Line Detector, Field Detector
Event Buffering	FTP: Pre: 30sec, Post : 30sec SD Record: Pre : 10sec, Post: 60sec
Streaming	50/60fps (Dual Stream : H.264x1, MJPEGx1) 25/30fps (Triple Stream : H.264x2, MJPEGx1)
Local Storage	Yes, up to 32 GB
FTP Upload	Yes, MJPEG
Two-way Audio	Yes
Audio Compression	G.711
Privacy Masking	Yes, 16 Zones
Manual Triggers	4 Programmable Trigger
Event Notification	E-mail, FTP, Notification Server, XML Notification , Audio Alert, AIHM
Image Effect	Flip
Shutter Speed	25/30fps: Manual, Auto(1/30,000~x8sec) 50/60fps: Manual, Auto(1/50,000~x8sec),
White Balance	Auto, Fluorescent, Incandescent, Outdoor, Manual
Back Light Compensation	Yes
Noise Reduction	3DNR

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### Network

Max. Connections	10 (Live), 3 (Playback)
Protocols	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour
System	Network Time Sync, Auto Recovery, Upgrade, Software Reset, Zero Configuration
Remote Access Client	Web, Smart Manager, NC-Titanium, Tive HD
Security	Multi User Authority, IP Filtering, HTTPS, SSL
Open IP protocol	Yes (Onvif)

### Electrical

Power Source	PoE(IEEE802.3af Compliance, Class0), 12VDC, 24VAC
Power Consumption	250mA(12W)@PoE 1,000mA(12W)@12VDC, 24VAC

### Pan/ Tilt

Pan Range	360°Endless
Pan Speed	Max. 380°/sec. (Preset)
Tilt Rane	-10-190°
Tilt Speed	Max. 380°/sec. (Preset)
Pattern / Tour	8 / 8
Preset Positions	256

### General

Operating Temperature	-10~+50°C
Operating Humidity	0~90% RH(Non-Condensing)
Dimensions	154(Ø)x150(H)mm
Weight	1.6kg
Ingress Protection	IP66