

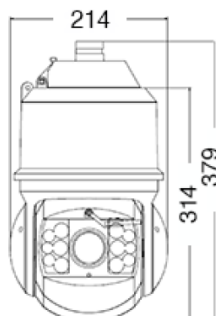
## 2MP ULTRA VIEW 33X PTZ IP CAMERA



### KEY FEATURES

- UP TO 2MP REAL TIME STREAM
- STARLIGHT SENSOR
- OPTICAL ZOOM UP TO 33X
- NIGHT VIEW RANGE UP TO 220 METERS
- IR DENSITY ADJUSTABLE TO ZOOM RATIO
- H.265, H.264 AND MJPEG CODEC SUPPORT
- LOW ILLUMINATION SUPPORT
- TRUE ULTRA WDR FEATURE SUPPORT
- MULTI STREAM SUPPORT
- 3D NOISE REDUCTION
- PROTECTION RATE IP66
- BUILT IN O-SENSOR
- BUILT IN WIPER
- SD CARD STORAGE SUPPORT
- AUTOMATIC NETWORK REPLENISHMENT (ANR)
- AUDIO & ALARM AUXILIARY

### DIMENSIONS



TECHNICAL SPECIFICATIONS	
<b>CAMERA</b>	
IMAGE SENSOR	1/2.8" Progressive scan Starlight CMOS
PIXELS	2.0 Megapixel
MIN. ILLUMINATION	Color : 0.003lux @ (F1.6, AGC On) BW : 0.0003 @ (F1.6, AGC On), 0lux with IR
SHUTTER SPEED	1 ~ 1/30,000s
DAY / NIGHT	Auto (ICR) / Color / BW
WIDE DYNAMIC RANGE	True Ultra WDR >=120dB
FOCAL LENGTH	4.5 ~ 148.5mm, 33x Optical
FOCUS CONTROL	Auto / Manual / Semi-Automatic
MIN. OBJECT DISTANCE	300 ~ 1500mm (Wide~Tele)
S/N RATIO	>55dB
WHITE BALANCE	Auto / Manual
GAIN CONTROL	Auto / Manual
BACKLIGHT	Off / WDR / BLC / HLC
IR LED	12 pcs IR LED Array
IR DISTANCE	180 ~ 220m
IR DENSITY	Automatically adjusted according to zoom ration
<b>PT RANGE</b>	
PAN / TILT RANGE	360° Endless / -15° ~ 90° (Auto Flip)
PAN/TILT SPEED	Pan manual speed: 0.1° ~ 240°/s; Pan preset speed: 220°/s Tilt manual speed: 0.1° ~ 160°/s; Tilt preset speed: 200°/s
PROPORTIONAL ZOOM	Pan / Tilt speed can be adjusted automatically according to zoom multiples
PRESET	256
PATROL	8 Patrols scheme, up to 32 presets per patrol
PATTERN SCAN	4 Scan paths, each path can record 10 minutes of operation path
POWER-OFF MEMORY	Power-off memory / Power-on recovery
AUTO GUARD	Path / Preset / Mixed / Pan scan / Tilt scan / Frame scan / Random scan / Panorama scan
PT LIMIT	Manual / Scan / Pan
3D POSITIONING	PTZ control with mouse click and drag
ELECTRONIC COMPASS	Built-in O-sensor
<b>VIDEO</b>	
COMPRESSION	H.265 / H.264 / MJPEG
FRAME RATE	Main stream: 1080p @60fps, Secondary stream: D1@30fps
BITRATE	32kbps ~ 16Mbps
BITRATE CONTROL	VBR / CBR
MULTI-STREAM	Supported
CAPTION	Date and time / Alarm / Direction / Customized
PRIVACY MASKING	Up to 4 zones
MOTION DETECTION	Up to 4 zones
VIDEO FREEZE	Supported
ROI	Supported
DIGITAL NOISE REDUCTION	3D noise reduction
DIGITAL DEFOG	Supported
IMAGE FLIP	Flip / Mirror
<b>AUDIO</b>	
COMPRESSION	G.711a / G.711u / ADPCM / G.722 / AAC-LC / G.722.1c / G.726
BITRATE	32kbps ~ 64kbps
AUDIO FUNCTION	Bi-directional audio / AEC / Mixed audio recording / Dumb / Mute
<b>NETWORK</b>	
NETWORK PROTOCOLS	TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, VSIP, UPnP, 802.1x, NAT, QoS, SMTP, IPv4, IPv6 (optional)
USER INTERFACE	IE, Firefox, Chrome
MAX. USER ACCESS	Max. 10 Users (includes 2 internal)
APPLICATION PROGRAM-ANR	ONVIF (Profile S, Profile G), API, CGI Automatic Network Replenishment Supported
<b>ALARM</b>	
ALARM TRIGGERS	Alarm input / Network disconnect / Disk full / Disk error
INTELLIGENT	Motion detection / Tampering / Guard line / Enter guard area / Exit guard Area / Object Left / Object Removal Gathering / Audio Surge
ALARM EVENTS	Alarm report / Recording / Text overlay / Snapshot / External output / Email notice / Acoustic alarm
<b>INTERFACE</b>	
ETHERNET	10/100M, RJ45 interface
AUDIO IN / OUT	1 x Line in / 1 x Line out
CONTROL	1 x RS485
ALARM IN / OUT	4 x Input / 2 x Output
VIDEO OUT	1x BNC, 1.0 V [p-p]
MEMORY SLOT	Built-in SD Card , support up to 128GB
<b>GENERAL</b>	
OPERATING TEMPERATURE	-40°C ~ 70°C / -40°F ~ 158°F
OPERATING HUMIDITY	10% ~ 95%
PROTECTION LEVEL	IP66, TVS 6000V lightning protection, surge protection and voltage transient protection
POWER	24V AC / 3A (Power adapter Included )
POWER CONSUMPTION	Max. 45W (IR on)
WEIGHT	8 kg / 17.6 lb (Gross Weight)
DIMENSIONS	Φ214 × 379mm / Φ8.43" × 14.92"