NYX

PANORAMIC

IQ THINKING AI SERIES

STARLIGHT

This specialized camera uses four high-performance 2MP camera modules stitched together to give a full 180° panoramic image. Each **STARLIGHT** sensor gives outstanding low-noise video at night. With integrated Intelligence analytics and people & vehicle detection this camera the ideal solution for large area surveillence.

Features

- 8MP @ 30/25fps H.265/H.264 encoding
- Low-noise **STARLIGHT** sensor
- People & Vehicle Detection
- Intelligence Analytics smart triggering
- ICR auto switch, true day / night
- 20m IR night view distance
- 3D DNR, digital WDR
- Triple Stream
- PoE power or 12V DC
- Supports Smartphone & PC remote monitoring
- IP67/IK10 ingress protection

Panorama Image

Full **180°** uninterrupted 8MP video from four **high-performance** camera modules producing **less image distortion** than a fish-eye lens.

180°

People & Vehicle Detection

When used with compatible cameras, this **advanced AI** feature can reliably detect **people** and **vehicles** allowing you to quickly search footage or be alerted via **Push Notifications**

Intelligence Analytics

Get **FAST** search results by configuring in-built **image analytic algorithms**.

Supports Tripwire, Region Entry & Exit, Target Counting, Intrusion & Video Exception

128GB SD Card Recording

microSD

Specifications

Image Sensor	Four x 2MP 1/2.8" Progressive Scan CMOS
Resolution	8MP(4096x1800), 6MP, 4MP, D1, CIF
Min. Illumination	Colour: 0.003 Lux - B&W: 0.001 Lux - 0 Lux with IR
Lens	Four x 3.3mm, Effective Angle of View 180° Horizontal
Day & Night	ICR Filter
Video Compression	H.265 / H264 / MJPEG - Tripple stream
Main Stream	60Hz: 8MP(1~30fps), 50Hz: 8MP(1~25fps)
Video Bit Rate	128 Kbps ~ 16 Mbps
Wide Dynamic	Digital WDR
Image Settings	ROI, Hue, Saturation, Brightness, Contrast, BLC, WDR, Sharpen, Noise Reduction
Audio	Mic input x1, Audio output x1
Alarm interface	1x alarm input, 1x dry contact relay output
Intelligence Analytics	Tripwire, Entry/Exit, Target Counting, Intrusion, Exception
Smart Alarm	Intelligence Analytics, Motion Alarm
IR Distance	20m
Smart IR	Switchable
SD Card Recording	Motion triggered recording. Up to 128GB capacity
Remote Monitoring	IE Browser, CMS Software up to 10 simultaneous users
Network Protocols	IPv4/IPv6,TCP/IP,UDP,HTTP,HTTPS,802.1x,QoS,FTP, SMTP,UPnP,SNMP,DNS,NTP,RTSP,RTP,IGMP,ICMP,DHCP
Network Security	User authentication, MAC filtering, IP address filtering HTTPS encryption, IEEE802.ax port-based ACL
Housing Rating	IP67, IK10, 6KV lightning protection, surge protection
Power Supply	DC 12V / 48V PoE (802.3af)
Power Usage	<8W with IR on
Operating Env.	-30°~ 60°C, <95% Humidity (non-condensing)
Dimensions	289(L) x 160(W) x 138mm (H)
Weight	2.1kg

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Product specifications and appearance subject to change without notice

Mounting Accessories

JB-302   JB-PM