NYX

THERMAL / OPTICAL AI

STARLIGHT

Features

• Dual image fusion (thermal image and optical image)
• Thermal Resolution: 256×192 12µm
• Temperature range: -20°C~150°C
• Multi-palette: white hot, black hot, iron oxide, etc.
• Optical 4MP (2592×1520) H.265+ 2.8 Lens
• People & Vehicle Detection
• Intelligence Analytics smart triggering
• ICR auto switch, true day/night
• 30~50m IR night view distance
• Built-in microphone
• 3D DNR, digital WDR, Triple Stream
• PoE or 12VDC power supply
• Supports iPhone, iPad, Android
• IP67 ingress protection

AUTOFOCUS
ONVIF Ⓢ

People & Vehicle Detection

The IQ+ camera series incorporates **advanced AI** features that can detect and classify **people** and **vehicles**, allowing you to quickly search footage or be alerted via **Push Notifications**

IQ Face Recognition

Cutting-edge **Facial Analytics Engine** detects the presence of a person's face facilitating quick searches and notifications with **NYX IQ series** recorders

Intelligence Analytics

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

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

256GB SD Card Recording

micro SD

Specifications

Thermal Resolution	256 x 192 12µm NETD: 50mK(@25 C, F#=1.0
Optical Resolution	1/ 2.7" CMOS 4MP(2592×1944), 2MP, 720P, D1, CIF
Min. Illumination	0.02 lux @F1.4, AGC on; 0 lux with IR
Lens	4mm @F1.4, AoV 81° Thermal 3.2mm@ F1.1
Day & Night	ICR Filter
Video Format	H.265+ / H.265 / H264+ / H.264 / MJPEG
Main Stream	60Hz: 4MP/2K/3MP/2MP/720P(1~30fps)
	50Hz: 4MP/2K/3MP/2MP/720P(1~25fps)
Wide Dynamic	True WDR 120dB
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast,
	Wide Dynamic, Sharpen, Noise Reduction
Audio	Internal Mic x1
Intelligence Analytics	Tripwire, Entry/Exit, Target Counting, Intrusion, Exception
Smart Alarm	Face Recognition, Intelligence Analytics, Motion Alarm
IR Distance	30~50m
Smart IR	Switchable
SD Card Capacity	256GB
Remote	IE Browser, CMS Software up to 10 simultaneous users
Protocol	TCP/IP,UDP,DHCP,NTP,RTSP,PPPoE,DDNS,SMTP,FTP
Housing Rating	IP67
Power Supply	DC 12V / 48V PoE
Power Usage	<9.5W with IR on
Operating Env.	-30°~ 60°C, <95% Humidity (non-condensing)
Dimensions	Ø 130mm x (H)110mm
Weight	800g

Product specifications and appearance subject to change without notice

Mounting Accessories

WM-EB   JB-EB   JB-303   LEDGE 2