BEWARE

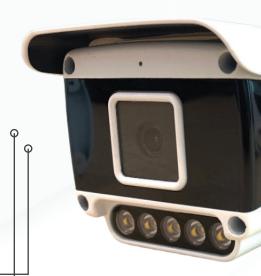| 1/2.8" Progressive Scan CMOS Sensor	Backlight Compensation	Smart IR	POE	IP67 Weather Proof

STARLIGHT CAMERA

T31-DA-3ARY-IP

- Ultra HD 8MP (3840 × 2160) resolution
- 1/2.8" Progressive Scan CMOS Sensor
- Starlight Ultra Low Lux IR LEDs with intensity control
- Inbuilt WDR, 3D DNR, HLC, BLC, Defog & ROI functions

- Support triple streams
- IP67 Weather proof outdoor enclosure
- High performance IR Cut mechanical Filter for True Day & Night vision

Technical Specifications
VV-NC91278B-AZSIR3T1

Camera	Image Sensor	1/2.8" Progressive Scan CMOS Sensor
	Signal System	PAL/NTSC
	Effective Pixels	3840 (H) × 2160 (V)
	Minimum Illumination	Color : 0.008lux @F1.2,AGC ON; 0 lux with IR
	Electronic Shutter Speed	1 / 25 s ~ 1 / 100000 s
	Gain Control	Auto
	White Balance	Auto
	Signal to Noise	> 52 dB
	Iris	Fixed
Lens	Lens Type	2.8 - 12mm mm Motorized zoom Lens
	Lens Mount	Φ14
	zoom	Optical Motorized zoom Adjust
Day/Night Functionality	Day & Night	True Day & Night with ICR
	IR Cut	High performance Mechanical IR Cut Filter with auto switch
	IR Source	Starlight Ultra Low Lux IR LED with intensity control
	IR Range	70 Mtr.
Compression	Video compression	H.265 / H.265+/ H.264 / H.264+/ MJPEG
	H.264 codec profile	Main profile
	Audio Compression	G711A / U
	Video Bit Rate	64 Kbps ~ 12 Mbps
Resolution and Frame Rate	Max. Resolution	3840 × 2160
	Main Stream	60Hz : 8MP/6MP(1~20fps), 5MP/4MP/2K/3MP/1080P/720P(1~30fps) 50Hz : 8MP/6MP(1~20fps), 5MP/4MP/2K/3MP/1080P/720P(1~25fps) HFR Mode: 1080P/720P(60Hz: 1~60fps; 50Hz: 1~50fps)
	Sub Stream	720P/D1/CIF/480 × 240 (60Hz: 1~30fps; 50Hz: 1~25fps)
	Third Stream	D1/CIF/480 × 240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Operational Features	Wide Dynamic Range (WDR)	120dB
	Defog	Supported
	BLC	Supported
	ROI	Each ROI to be configured separately
	HLC	Supported
	DNR	Inbuilt 3D DNR (Digital Noise Reduction) circuit
	Codec streaming capability	Triple streaming
	Image settings	ROI, Saturation, Brightness, Chroma, Contrast,Wide Dynamic, Sharpen, NR,etc. adjustable through client software or web browser
	Security	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction, etc.
	Onboard Storage	Built-in Micro SD / SDHC / SDXC card slot, up to 128 GB
	Alarm trigger	Motion detection; SD card error; SD card full
Network & Remote Monitoring	Protocols	IPv4, IPv6, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, UPnP, HTTPs, 802.1x, QoS
	System compatibility	ONVIF
	CMS	Full function CMS (Central monitoring software)
	Mobile Client Application	Supports android and iOS APP for Smart phone and tablets
	Bandwidth control	VBR (Automatic) and CBR (Manual) supported
Interface	Ethernet	1 RJ45 10/100 Ethernet port
	Power Input	Standard DC Jack
	Audio	MIC IN × 1; built-in MIC × 1
	Alarm Input/Output	1ch / 1ch

Technical Specifications

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Smart Features	Smart Analytics	Line crossing human/motor vehicle/non-motor vehicle counting, region entrance/exiting/intrusion Scene change, video blur & video color cast detection, Face detection & face capture
Electrical	Power Requirement	12 VDC ± 10% , PoE (802.3af)
	Power Consumption	Max. <9W
Environmental	Enclosure	IP 67 Weather proof outdoor enclosure
	Operating Temperature	-30°C to + 60°C
	Operating Humidity	95% or less (non-condensing)
Mechanical	Color	White
	Dimensions	217.7 × 80.5 × 80.5
	Weight	Approx. 0.648KG
Certifications	Certifications	CE, FCC, RoHS

*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Product image, weights and measurements are approximate and may vary.