



NWLS-2L2500

2MP Optical & Laser PTZ Camera



Key Features:

- 1/1.8" Progressive Scan CMOS
- 86x Optical Zoom; 32x Digital Zoom
- 10mm ~ 860mm Motor Optical Lens
- 1.2mm ~ 80mm Laser Lens with 600mm Laser imaging section
- 2500m Laser distance (Night time); 5000m Laser distance (daytime)
- 810nm Military Grade, GHT-III High Definition
- Intelligent analysis: intrusion, single/double line crossing, loitering, wrong way, people counting, enter/leave area
- Operating temperature -40°C ~ 65°C
- IP67 Weather rating // comes with Wiper to keep rain off

Product Overview

Infinity Laser cameras bring allow for near-invisible spectrums of light to be used for detection where the normal human eye and visible light ranges are just not suitable. Combining industry-leading technology and PTZ (pan and tilt and zoom) together, you can securely secure any site in any condition thanks to its ability to withstand wind and freezing and its IP67 weatherproofing.

Features

Laser and Video

Long distance Laser detection couple with Optical analytics and 2MP PTZ with 86x zoom and 32x digital zoom. 2500m Laser distance at Night time, 5000m Laser distance during daytime.

Environmental

With a temperature range of -40°C to +65°C the camera is designed for extreme temperature environments. Subjected and certified to rigorous dust and water immersion tests, the IP67 rating makes it suitable for demanding outdoor applications.

Smart Encode (H.265+)

Deliver high quality video without straining the network, Smart Encode H.265+ is the optimized implementation of H.265. The Smart H.265+ encoding technology includes a scene adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction, providing saving of up to 70% of bandwidth and storage when compared with standard H.265.

HEVC (H.265)

H.265 ITU-T VCEG is a new video coding standard. H.265 Following standard developed around the existing video coding standard H.264, some retain the original technology, while some of the relevant technology to improve the new technology uses advanced technology to improve the relationship between the code stream, encoding quality, and the delay between algorithm complexity, optimize settings specific contents include: Improve compression efficiency, improve the robustness and error recovery capabilities, real-time to reduce the delay, reduce channel acquisition time and a random access delay, reduce complexity.

Technical Specification

Visual Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Effective Pixels	1920(H)×1080(V)
Electronic Shutter	1/5s ~ 1/20,000s
Min. illumination	Color:0.0005Lux@(F1.2,AGC ON) , B/W:0Lux@(IR LED ON)
Pan/Tilt Range	Pan: 0° ~ 360° endless, Tilt: +45° ~ -45°
Pan/Tilt Speed	Pan: 0.01° ~ 30°/s, Tilt: 0.01° ~ 15°/s
Preset & Tracking	3000 Presets // 16 Tracks/Patrols
Visual Lens	
Lens Type	Motor
Focal Length	10 ~860mm Motor Zoom
Optical Zoom	86x
Digital Zoom	32x
Focus Control	Auto/Manual
Functions	Mirror, Defog, Privacy Mask, 3D positioning, Radar Support
Wiper	Support
Video	
Compression and Resolution	H.265,H.265,MJPEG
Max. Resolution	1080P(1920×1080)
Streaming Capability	3 Streams
Main Stream / Frame Rate	1920×1080, 1280×720 @25/30fps
Sub Stream / Frame Rate	D1, VGA, 640×360, CIF, QVGA @25/30fps
Bit Rate Control	CBR/VBR
Image Enhancement	HLC / Defog / WDR
White Balance	Auto/Tungsten/Fluorescent/Daylight/Shadow/Manual
Features	AGC, WDR, Image Stabilizer, 2D/3D DNR
Electrical	
Power Supply and Consumption	24V DC // 180W Max
Operating Conditions	-40°C ~ 65°C // Less than 95% RH // IP67
Certifications	CE / FCC // Metal Casing
Net Weight	Circa 45Kg

Laser Camera	
Lens	1.2mm ~ 80mm Zoom
Image Size	600mm Imaging Area
Distance	2500m Laser Detection Distance
Wavelength	810nm (nanometers) Military Grade
Features	GHT-III High Definition super-uniform laser light, no speckle particles, uniform brightness greater than 92%
Network	
Protocols:	IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP
Interoperability	ONVIF, CGI, SDK
Max. User Access	10 Users
Web Viewer	<IE11, Chrome, Firefox, Safari, Edge
Smart Functions	
Optical Smart Functions	Motion detection, Disk alarm, I/O alarm, IVS alarm, Temperature detection & alarm // Support human/vehicle detection and fire point detection

*these detections are reliant on environmental conditions and target areas are outside of the established 'Johnson criteria' of thermal detection targets