

# N3-4128-D

## 4MP IR Mini Dome Network Camera

- 1/3" 4MP progressive scan CMOS
- H.265 & H.264 triple-stream encoding
- 25/30fps @ 4MP (2688x1520)
- Smart Detection Supported
- WDR (120dB), Day/Night (ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS (DSS/PSS) & DMSS
- 2.8mm fixed lens
- 1/1 Alarm in/out, 1/1 Audio in/out
- Max IR LEDs Length: 30m
- Micro SD memory, IP67, IK10, PoE



The galileo N3 Series employs H.265 encoding technology, bringing highly efficient video compression. It saves bandwidth and storage, with energy-saving design to enhance the monitoring system. Meanwhile, the series offer features such as smart IR technology, and intelligent image analysis techniques. It provides excellent image quality and intelligent and efficient event reminders. This series provides IP67 weather resistant and IK10 vandal-resistant protection features.

### WIDE DYNAMIC RANGE

Embedded with industry leading wide dynamic range (WDR) technology, vivid pictures are achieved in even the most contract lighting conditions. For applications with both bright and low lighting conditions that change quickly, true WDR (120dB) optimises both the bright and dark areas of a scene at the same time to provide usable video.

### INTELLIGENT VIDEO SYSTEM (IVS) - optional

With built-in intelligent video analytics, the cameras has the ability to detect and analyse moving objects for improved video surveillance. The camera provides optional standard intelligence at the edge allowing detection of multiple object behaviours such as abandoned or missing objects. IVS also supports Tripwire analytics, allowing the camera to detect when a pre-determined line has been crossed, ideal for business intelligence, and Facial detection, for searching or identification of individuals.

### ENVIRONMENTAL

With a temperature range of -30°C to +60°C, the camera is designed for extrama temperature environments. The camera complies to an IK10 impact rating making it capable of withstanding the equivalent of 55kg of force. Subjected and certified to rigorous dust and water immersion tests, the IP67 rating makes it suitable for demanding outdoor applications.

### PROTECTION

Supporting ±30% input voltage tolerance, this camera suits even the most unstable conditions for outdoor applications. Its 4KV lightning rating provides protection for the camera and its structure against the effects of lightning.

### SMART H.265+

Deliver high quality video without straining the network, Smart H.265+ is the optimised 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.

### ACCESSORIES

<b>DCA136</b> Junction Box	<b>DCA203W</b> Wall Mount Bracket	<b>DCA152</b> Pole Mount Bracket

### ORDERING INFORMATION

Model #	Order #	Description
<b>CAMERA</b>		
N3-4128-D	E49512	4MP IR Mini Dome Network Camera
<b>ACCESSORIES</b>		
DCA136	E49802	Junction Box
DCA203W	E49801	Wall Mount Bracket
DCA152	E49807	Pole Mount Bracket

**N3-4128-D** 4MP IR Mini Dome Network Camera

## TECHNICAL SPECIFICATIONS

**CAMERA**

Image Sensor	1/3" 4MP progressive scan CMOS
Effective Pixels	2688 (H) x 1520 (V)
RAM/ROM	512MB/32MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/100000s
Minimum Illumination	0.08Lux/F2.0 (Colour, 1/3s, 30IRE) 0.3Lux/F2.0 (Colour, 1/30s, 30IRE) 0Lux/F2.0 (IR on)

S/N Ratio	More than 50dB
IR Distance	Distance up to 30m
IR On/Off Control	Auto / Manual
IR LEDs	24

**LENS**

Lens Type	Fixed
Mount Type	Board-in
Focal Length	2.8mm
Max. Aperture	F2.0
Angle of View	H: 104°, V: 57°
Optical Zoom	N/A
Focus Control	Fixed
Close Focus Distance	N/A
DORI Distance	Detect: 63m / Observe: 25m / Recognise: 13m / Identify: 6m

**PAN/TILT/ROTATION**

Pan/Tilt/Rotation Range	Pan: 0°~355° / Tilt: 0°~64° / Rotate: 0°~355°
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**INTELLIGENCE**

IVS	Tripwire, Intrusion, Object Abandoned, Object Missing
Advanced Intelligence	Face Detection

**VIDEO**

Compression	H.265+ / H.265 / H.264+ / H.264
Streaming Capability	3 Streams
Resolution	4MP (2688x1520) / 3MP (2304x1296) 1080P (1920x1080) / 1.3MP (1280x960) 720P (1280x720) / D1 / VGA (640x480) / CIF

Frame Rate	Main Stream: 4MP (1~25/30fps) Sub Stream: D1 (1~25/30fps) Third Stream (720P (1~25/30fps)
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Bit Rate Control	CBR/VBR
Bit Rate	H.264: 25~10240Kbps H.265: 14~9984Kbps

Day/Night	Auto (ICR) / Colour / B/W
BLC Mode	BLC / HLC / WDR (120dB)
White Balance	Auto/Natural/Lamp/Outdoor/Manual
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detection	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Image Stabilisation	N/A
Smart IR	Support
Defog	N/A
Digital Zoom	16x
Flip	0° / 90° / 180° / 270°

Mirror	Off / On
Privacy Masking	Off / On (4 Areas, Rectangle)

**AUDIO**

Compression	G.711a / G.711Mu / AAC / G.726
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**NETWORK**

Ethernet Protocol	RJ-45 (10/100 Base-T) HTTP, HTTPS, TCP, ARP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPOE, IPv4/v6, QoS, UPnP, NTP, Bonjour, 802.1x, Multicast, ICMP, IGMP, SNMP
Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast / Multicast
Max. User Access	10 Users / 20 Users
Edge Storage	NAS, Local PC, MicroSD (128GB)
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Smart PSS, DSS
IOS, Android	IOS, Android

**CERTIFICATIONS**

Certifications	CE: EN 60950:2000 UL: UL60950-1 FCC: FCC Part 15 Subpart B
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**INTERFACE**

Video Interface	N/A
Audio Interface	1/1 channel In/Out
RS485	N/A
Alarm	1 channel in: 5mA 5VDC 1 channel out: 300mA 12VDC

**ELECTRICAL**

Power Supply	DC12V, PoE (802.3af) (Class 0)
Power Consumption	<5W

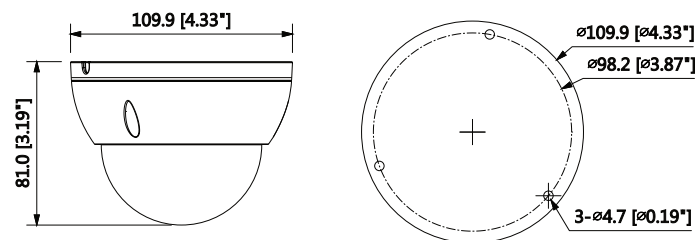
**ENVIRONMENTAL**

Operating Conditions	-30° C ~ +60° C / Less than 95% RH
Storage Conditions	-30° C ~ +60° C / Less than 95% RH
Ingress Protections	IP67
Vandal Resistance	IK10

**CONSTRUCTION**

Casing	Metal
Dimensions	Φ109.9mm×81mm
Net Weight	0.41kg
Gross Weight	0.53kg

## DIMENSIONS (MM/INCH)



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