

NDM362

H.265, Full HD 1080P at 60 fps,
15M(50ft) IR Distance, FOV 130o Fixed Lens, IK10
Vandal Proof, IP66 Weatherproof,
Ultra-Low Light, EN50155 Railways Applications



Why DivioTec?

DivioTec's aim is to transcend the capabilities of the human eye and deliver an entirely new field of view. Our integrative skills and our 20 years of industry experience are constantly driving new innovations.

Our simple, easy-to-use interfaces and our rock-solid security hardware are rapidly earning the respect and confidence of our clients.

We also make a point of listening carefully to our customers' needs, applying what we learn to develop outstanding new products and a culture of exceptional service.

At DivioTec, our experience is your protection.

- 1/2.8" 2MP Sony STARVIS CMOS Progressive Sensor
- Full HD 1080P @ 60 fps
- 2.8mm Lens F1.6 (110° FOV)/ 2.4mm Lens F2.1 (130° FOV)
- Ultra-Low Light (0.0005 Lux)
- IR Illuminator: 15M(50ft) IR Distance, Smart IR+
- Smart Filtering Function: Removable IR-cut Filter for Day and Night
- Multi Shutter WDR 140dB
- H.265/H.264/M-JPEG Video Compression
- Advanced Video Analytics: Line Crossing, Loitering Detection, Camera Tampering, Intrusion Detection, People/Vehicle Counting, Object Left/Removed, Audio Detection
- Support Image Stabilization; Corridor format
- SDS (Smart Dynamic Streaming) Plus: Smart ROI, FPS, GOP
- Support Defog Technology
- Support micro-SD Card Slot, Alarm-in/-out, Audio-in/-out, Built-in microphone
- Support M12 connector
- Support PoE/DC12V Power input
- IP 66 Weatherproof, IK 10 Vandal Resistant
- Operating Temperature from -40°C to 60°C / -40°F to 140°F
- ONVIF Profile S, G, Q, T

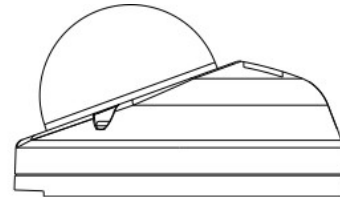
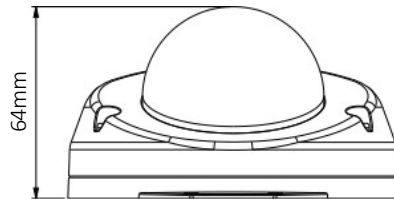
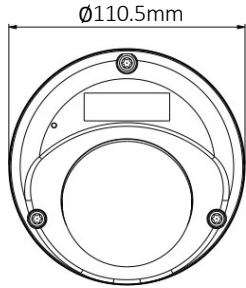
Sensor	
Image Sensor	1/2.8" 2MP Sony STARVIS CMOS Progressive Sensor
Effective Pixels	1920(H) x 1080(V)
Minimum Illumination	Color: 0.005 Lux; B/W: 0.0005 Lux
Lens	
Lens Type	Fixed lens
Focal Length	2.8mm F1.6 (FOV 110°)/ 2.4mm F2.1 (FOV 130°)
Field of View	2.8mm: 110°(H)/ 62°(V)/ 137°(D) 2.4mm: 130°(H)/ 73°(V)/ 163°(D)
Built-in IR Illuminator	
Illumination Distance	Up to 15M(50ft), 850nm Wavelength
IR Control	Smart IR+
Image Setting	
Optical Zoom	Zoom Control, Focus Control (Slider Control): Auto Focus, Micro Adjustment
Shutter Speed	1/3~1/71428
WDR	Multi shutter WDR 140dB
Day/Night	Auto/ Force Day/ Force Night/ Schedule/ Light Sensor
ICR Day/Night	Force Day/ Force Night/ Auto (Follow Day Night Control)/ SyncDayNight
Gain Control	Yes
Auto Exposure	Auto/ 50Hz/ 60Hz / Locked
White Balance	Auto/ OFF (R Gain, RG Gain, B Gain, BG Gain)
Image Adjustment	Brightness, Contrast, Saturation, Sharpness, Hue Adjustment
BLC	Disable/ Enable
Orientation	Mirror/ Rotate (0°/90°/180°/270°)
Privacy Mask	5 Masks
OSD (Overlay)	OFF, Camera Name, Date/Time, Custom Text
Local Contrast	Yes
Defog	OFF/ Low/ Medium/ High
Noise Reduction (Noise Filter)	Yes
ROI (Region of Interest)	Stream 1/ Stream 2; 5 Zones, Low / Medium /High
Image Profile Setting	2 Profiles: Day & Night: Auto Switch /Force Day/Force Night
Profile Management	10 Profiles: Schedule, Rename, Access, Export, Import
Video	
Video Compression	H.265 / H.264 / M-JPEG
Video Streaming	Triple streaming
Video Resolution/Frame Rate	NTSC: Full HD 1080P (1920 X 1080) @60FPS, HD 720P (1280 x 720) @60FPS, D1 (720x576)/ D1 (720x480)/ VGA

	(640x480)/640x 360/ QVGA (320x240) @60FPS / VGA (640x 360)/ QVGA (320x240) @60FPS PAL: Full HD 1080P (1920 X 1080) @50FPS, HD 720P (1280 x 720) @50FPS, D1 (720x576)/ D1 (720x480)/ VGA (640x480)/640x 360/ QVGA (320x240) @50FPS / VGA (640x 360)/ QVGA (320x240) @50FPS
SDS (Smart Dynamic Streaming)	Smart GOP, FPS, ROI
Bit Rate	128K-8000K
Event Management	
Event Trigger	Alarm Detection, Motion Detection, Tampering Alarm, Object Detection,
Event Actions	Save Video/Snapshot to SD card (5 seconds pre-recording, 100 seconds post-recording, AVI & JPEG format) File upload stream to FTP Server, HTTP Network Shortage E-mail notification via SMTP Alarm output
Alarm Handler	On/ Off/ Schedule
Motion Detection	On/ Off/ Schedule, 5 Zones, Sensitivity: range 1-100
Tampering Alarm	On/ Off/ Schedule, Sensitivity: Low/ Medium/ High
Object Detection	On/ Off/ Schedule Object-Counting/ Zone Object-Counting/ Zone Intrusion/ Line Crossing/ Loitering/ Wrong Way/ Object Left/ Object Removed
Network Loss Detection	On/ Off
Network	
Interface	10/100 Mbps Ethernet, RJ-45/ M12 connector (optional)
Protocol	IEEE802.1x, DNS, DDNS, DHCP, Firewall, FTP, GB28181, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RTP, RTSP, RTMP, SSL, SSH, SNMP, SNMP V2c, SNMP V3, SMTP, TCP/IP, UDP, Bonjour, UPnP, ONVIF
Security	HTTP encryption/Multi-level user management (15 users)/IP address filtering
Connectivity	ONVIF Profile S, G, Q, T
DDNS Settings	Support DynDNS/ NO-IP/ Two-DNS server
Multicast Function	Yes
Browser	Google Chrome (recommended), Internet Explorer, Mozilla Firefox
General	
Operating Temperature	-40°C to 60°C / -40°F to 140°F
Humidity	10% ~ 90%, No Condensation
Weatherproof	IP66
Vandal Proof	IK10
Dimension	Φ 110.5 mm x 64 mm
Weight	400g
Alarm I/O	Alarm-In/-out (terminal block)
Audio	Two-way, Line-in/ Line-out (phone jack), G.711 PCM 8KHz, built-in microphone
Power Input	PoE (IEEE 802.3af), DC12V: 6W max.
Micro SD	Micro SDHC support up to 128GB
Reset button	Yes

Specifications

Certification	CE/FCC Class A/EN50155
Application	SDK available for application development
Ordering Information	NDM362-028 with 2.8mm lens NDM362-024 with 2.4mm lens NDM362-028-M with 2.8mm lens, M12 power connector NDM362-024-M with 2.4mm lens, M12 power connector

Dimension Drawing



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Specifications are subject to change without notice.
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