

2310111100

OC-NDC-2MP

Outdoor IP Dome Camera, 2MP, SST 316L



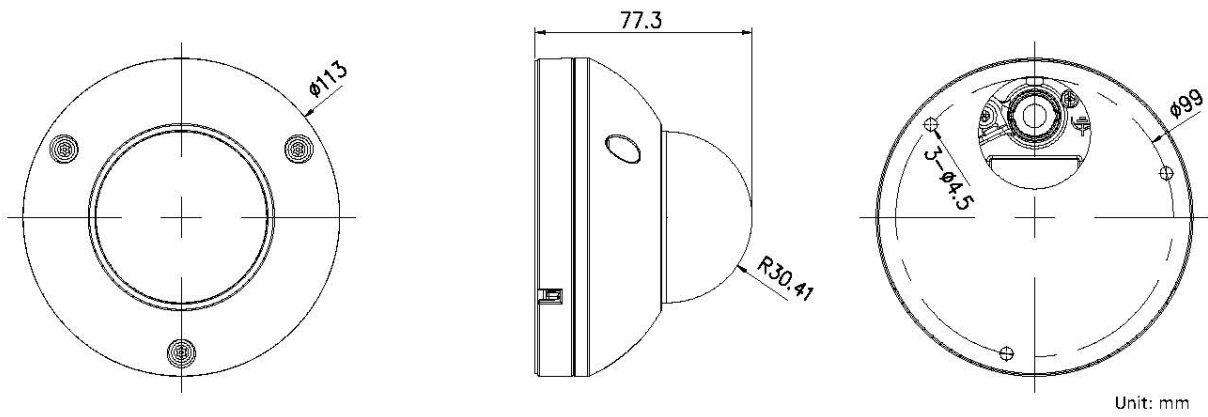
- ✓ Up to 2 megapixel high resolution
- ✓ 120dB Wide Dynamic Range
- ✓ Three video streams
- ✓ H.265, H.265+, H.264, H.264+
- ✓ 6 behavior analyses, 2 exception detections, 1 recognition
- ✓ Support on-board storage, up to 128GB
- ✓ IR range: 10 m
- ✓ DC 12V/PoE
- ✓ Anti-Corrosion Standard: WF-2, NEMA 4X, C5-M
- ✓ IP67



Description

The OC-NDC 2MP has a 316L stainless steel enclosure, protecting cameras to be used in corrosive environments, providing reliability and longevity compared to standard cameras. It is IP67 water resistant, preventing water ingress for outdoor use. The camera supports H.265+/H.265/H.264+/H.264 encoding: efficient compression technology that saves storage space and reduces bandwidth requirements. The Lens angle adjustment allows the camera lens to be adjusted to manually focus in different directions (pan/tilt/rotate), for easy installation.

Technical Dimensions



Unit: mm

Specifications

CAMERA

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| Image Sensor | 1/2.7" Progressive Scan CMOS |
| Min. Illumination | 0.01Lux @(F1.2,AGC ON) ,0 Lux with IR on 0.028 Lux @(F2.0,AGC ON), 0 Lux with IR on |
| Shutter Speed | 1 s to 1/100,000 s, support slow shutter |
| Lens | 2.8mm, horizontal field of view: 100°, vertical field of view: 53° 4mm, horizontal field of view: 91°, vertical field of view: 49° 6mm horizontal field of view: 60°, vertical field of view: 32.5° |
| Lens Mount | M12 |
| Day & Night | IR cut filter |
| DNR | 3D DNR |
| Wide Dynamic Range | 120dB |
| Angle Adjustment | Tilt: 0° to 75°; Pan: -30° to 30°; Rotate: 0° to 360° |

COMPRESSION STANDARD

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|-------------------|--|
| Video Compression | Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG Third stream: H.265/H.264/MJPEG |
| H.264 Type | Baseline profile/Main Profile/High profile |
| H.264+ | Support |
| H.265 Type | Main profile |
| H.265+ | Support |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| Audio Compression | G.711/G.722.1/G.726/MP 2L2/PCM |
| Audio Bit Rate | 64Kbps(G.711)/16Kbps(G .722.1)/16Kbps(G.726)/32 -128Kbps(MP2L2) |

IMAGE

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|--------------------------------|---|
| Max. Resolution | 1920 × 1080 |
| Main Stream Max. Frame Rate | 2.8mm lens camera: 50Hz: 25fps (1920 × 1080,1280 × 960,1280 × 720) 60Hz: 24fps (1920 × 1080,1280 × 960,1280 × 720) 4mm and 6mm lens camera: 50Hz: 25fps (1920 × 1080,1280 × 960,1280 × 720) 60Hz: 30fps (1920 × 1080,1280 × 960,1280 × 720) |
| Sub Stream Max. Frame Rate | 2.8mm lens camera: 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288, |

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|-----------------------------|--|
| | 320 × 240) |
| | 60Hz: 24fps (704 × 480, 640 × 480, 352 × 240, 320 × 240) |
| | 4mm and 6mm lens camera: |
| | 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288, 320 × 240) |
| | 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240, 320 × 240) |
| Third Steam Max. Frame Rate | 2.8mm lens camera: |
| | 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240) |
| | 60Hz: 24fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240, 320 ×240) |
| | 4mm and 6mm lens camera: |
| | 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240) |
| | 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240, 320 ×240) |
| Image Enhancement | BLC/3D DNR/Defog |
| Image Settings | Rotate mode, saturation, brightness, contrast, etc., adjustable by client software or web browser |
| Region of Interest | Support 4 customized region for each stream, and face dynamic tracking |

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| Target Cropping | Support |
| Day/Night Switch | Auto/Schedule/Triggered by Alarm In |
| Picture Overlay | LOGO picture can be overlaid on video with 128 × 128 24bit bmp format |

NETWORK

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| Network Storage | Support Micro SD/SDHC/SDXC card (up to 128 GB) local storage and NAS (NFS,SMB/CIFS), ANR |
| Alarm Trigger | Motion detection, tampering alarm, HDD full, HDD error, network disconnected, IP address conflicted, illegal login |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP |
| Standard | ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI |
| General Function | Mirror, anti-flicker, heartbeat, watermark, password protection, privacy mask |

INTERFACE

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| Communication Interface | 1 RJ45 10M/100M self-adaptive Ethernet port |
| Alarm | 1 alarm input, 1 alarm output |
| On-board Storage | Built-in Micro SD/SDHC/SDXC slot, up to 128GB |

SMART FEATURE SET

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| Behavior Analysis | Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection |
| Line Crossing Detection | Cross a pre-defined virtual line |
| Intrusion Detection | Enter and loiter in a pre-defined virtual region |
| Region Entrance Detection | Enter a pre-defined virtual region from the outside place |
| Region Exiting Detection | Exit from a pre-defined virtual region |
| Unattended Baggage | Objects left over in the pre-defined region such as the baggage, purse, dangerous materials |
| Object Removal | Objects removed from the pre-defined region, such as the exhibits on display. |
| Exception Detections | Scene change detection, defocus detection |
| Recognition | Face Detection |

GENERAL

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| Operating Conditions | -30°C to +60 °C (-22 °F to +140 °F), Humidity less than 95% (non-condensing) |
| Power Supply | DC 12V, 330mA, terminal block PoE (802.3af, class 3), 0.1A |
| Power Consumption | Max. 5W |
| IR Range | 10 m |
| Housing Material | SUS 316L |
| Anti-Corrosion Standard | WF-2, NEMA 4X, C5-M |
| Ingress Protection | IP67 |
| Dimensions | Camera: Φ 113 × 77.3 mm (4.45" × 3.04") Package: 257 × 167 × 145 mm (10.12" × 6.57" × 5.71") |
| Weight | Camera: 1680 g (3.7 lb.) |

Accessories



SST 316L Junction Box

Junction box for OC-series CCTV cameras DS-1284ZJ-M

Item Number: 2310111123



OC-NDC Wall Mount Bracket

Anti corrosion wall bracket for OC-NDC CCTV camera

Item Number: 2310111120