# ISM3124SN

*IP WDR bullet IR dome camera, 1.3 Megapixel real time, with lens, H.264/MPEG4/JPEG, PoE, SD/SDHC card*

- Sony 1/3" 1.3 Megapixel progressive Exmor™ CMOS Sensor
- Super low Lux, Color: 0.2 Lux @ F 1.2, B/W: 0.01 Lux @ F 1.2
- Built-in f = 3.0 ~ 10 mm/ F 1.3, 2.0 Megapixel varifocal D/N lens
- Compression: H.264/MPEG-4/MJPEG (triple-code encoder)
- Highest Resolution: 1280 x 1024 @ 30 fps, H.264/highprofile
- Support micro SD/SDHC card
- Support both ONVIF and PSIA
- IP66

## Specification

| | Model Name | ISM3124SN |
|---|---|---|
| **Video** | Image Sensor | Sony 1/3" 1.3 Megapixel progressive Exmor™ CMOS |
| | Network Compression | Triple Streams: H.264/MPEG-4/MJPEG |
| | Pixels (H x V) | 1280 x 1024, 1280 x 960, 1280 x 720, 720 x 480 |
| | Max. Frame Rate | Up to 30 fps for all video profile |
| | Mechanical IR Cut Filter | Automatically switches (B/W mode < 2 Lux, color mode > 5 Lux) |
| | LED | 30 units (IR LEDs on < 2 Lux, IR LEDs off > 5 Lux); Indoor: 20 ~ 50 m; Outdoor:25 ~ 35 m |
| | Digital D/N Mode | Auto/color/black & white |
| | Motion Detection | Yes |
| | Motion Alarm Trigger | Yes |
| | Timer Clock | Yes |
| | Image Setting | Brightness/contast/AWB/sharpness/saturation/rotation/mirror/WDR |
| | Electronic Shutter | Auto: 1/60 to 1/2,000 sec (60 Hz); 1/50 to 1/2,000 sec (50 Hz) |
| | Manual Electronic Shutter | 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/120, 1/250, 1/500, 1/750, 1/1000, 1/1500, 1/2000 sec |
| | White Balance | Auto/manual (1800 K ~ 10,000 K) |
| | Signal to Noise Ratio | More than 52 dB (AGC off) |
| | Dynamic Noise Reduction | 2D DNR |
| | Digital Wide Dynamic Range | 10 levels (adjustable level settings) |
| | Video Output | 1.0 Vpp composite, 75 Ω (BNC) or YPbPr |
| | Min. Illumination | Color: 0.2 Lux @ F 1.2, IR on: 0 Lux |
| | Lens | f = 3.0 ~ 10 mm/F 1.3 or f = 9.0 ~ 22 mm Megapixel lens |
| **Network** | Safety | ID/password protection, IP address filtering, user access log |
| | Protocol | TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DHCP, ARP, UPnP, RTSP RTP, Ethernet (RJ-45 wired 10/100 Base-TX) |
| | Bit Rate Transmission | 64 up to 10,000 kbps |
| | Number of User | Max. 10 connections for singal video |
| | Storage Capacity | SD/SDHC card |
| | Alarm Event | File upload via ftp and email/notification via email, HTTP, external digital output activation, micro SD recording |
| **Audio** | Audio Communication | 2-way audio; G.711 (µLaw), 8 kHz sample rate |
| **General** | Connectors | Audio, RJ45/PoE, DC power jack, BNC (composite video out), alarm reset/alarm in/alarm out/alarm ground/RS485 |
| | Operation Voltage | DC 12V/PoE; max. 9 W |
| | Dimension (D x H) / Weight | 85.3 mm x 265 mm/1000 g |
| | Operation Temperature | -10 ºC ~ +50 ºC, relative moisture 20 % ~ 90 % |
| | Storage Temperature | -20 ºC ~ +60 ºC |
| | Max. Breaking Strength | - |
| | Waterproof | IP66 |

*Design and specifications are subject to change without prior notice.

UNIT : mm / TOL : ±0.5

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