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| General Parameters | Sensor Type and Size | 1 / 2.8" SONY CMOS (Exmor Technology STARVIS Series) |
| | Minimum Illumination(B/W) | 0 Lux with IR LED on |
| | Minimum Illumination(Color/Monochrome) | 0.08 Lux @ F2.0 @ 1/25s, No Sens-up allowed |
| | Lens Type | Fixed Iris |
| | Focal length | 3.6mm |
| | HFOV (degrees) | 86° |
| | Shutter Speed | 1/12500s to 1/25s |
| | SNR | 48db @ 5lux |
| | Lens mount | M12 x 0.5 |
| | Minimum Object Distance | 0.3 m |
| | Aperture | F 1.2 |
| Infrared | IR LED type | 4 - Array LEDs |
| | IR range | 20m |
| Image & Video | Video Compression | H.265/H.264/MJPEG |
| | Resolutions | 1080 P(2MP)/720p/D1/2CIF/CIF/QCIF |
| | Stream Profiles | Four streams are supported 2MP up to 30 fps(H.265/H.264), D1 up to 5fps(MJPEG), D1 up to 30 fps(H.265/H.264), 720p up to 30 fps(H.265/H.264/MJPEG) |
| | Max. number of simultaneous streams | 4 |
| | Bitrate | 512Kbps - 4Mbps |
| | Frame Rate | 1 - 30fps |
| | Network Protocols | TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, ONVIF S |
| | Image Enhancements | Saturation/ contrast/Brightness/Hue/Sharpness/Rotate |
| | WDR | True WDR (120db) |
| | Image Features | ROI, Edge Recording, Network Recording, Day/Night Settings (Auto / Manual), 3DNR, True WDR, DWDR, E-PTZ, BLC, Digital Zoom, Image Snapshots, White Balance (Auto/Fluorescent/Incandescent/Sunny), Adaptive Streaming, Smart Streaming (Max. 3 Windows), Unicast/Multicast, 2DNR (Auto/Manual) |

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| Events & Actions | Events | Motion detection, View Tamper, Line intrusion/ Directional motion / Trip Wire, Zone Intrusion, IP-Conflict, Network-Disconnect, Storage Alert |
| | Actions | Email / TCP / SMS Notifications, Alarm Recording, Image/Clip Upload |
| Hardware Interface | Communication Interface | 1 RJ45 10/100Mbps Ethernet Interface |
| | SD Card | Up to 64 GB |
| | Processor & RAM | HI-3516A & 4 GB |
| Electrical | Power Supply | 12V/2A, Poe (802.3af) |
| | Power Consumption | Less than 7 W |
| Environmental & Mechanical | Operating Temperature/ Storage Temperature | 0 to 50 Degree / (-)20 to 60 Degree |
| | Operating Humidity | Less than 90% RH |
| | Certifications | CE, IP66, FCC Part-15 Class-B |
| | Dimension | 320 X 84.5 X 92.5mm (L X H X W) |
| | Weight & Color | 920gm & White (Beige) |
| | Material Type | Aluminum |