

| CAMERA | |
|------------------------------|--|
| Image Sensor | 1/2.8" Sony CMOS Sensor, IMX307 |
| Total Pixels | 1945 (H) x 1109 (V) = 2.16 MP |
| Active Pixels | 1920 (H) x 1080 (V) = 2.07 MP |
| Scanning Mode | Progressive Scan |
| Minimum Illumination | Color: 0.05 Lux B&W: 0.005 Lux |
| S/N Ratio | More than 50dB (AGC off) |
| LENS & IR LED | |
| Lens Type | Manual Varifocal Lens |
| Focal Length | 2.8–12mm |
| Aperture Ratio | F1.4 |
| IR LED | - |
| CAMERA FUNCTIONS | |
| Wide Dynamic Range | DOL HDR (Digital Over Lab High Dynamic Range) |
| Day and Night Mode | Automatic, Day, Night |
| Noise Reduction | 3D-NR |
| Auto Exposure Mode | Automatic, Manual |
| Shutter Speed Control | 1/30,000 – 1/30 sec (Automatic / Manual) |
| Gain Control | 0dB – 69dB (Automatic / Manual) |
| Auto White Balance | Auto, Outdoor, Shade, Clear sky, Fluorescent light, Light Bulb, Manual |
| Digital Zoom | Up to 8x |
| OSD | On / Off |
| BLC | On / Off |
| HLC | On / Off |
| Image Effect | Mirror, Flip |
| Privacy Mask | Up to 8 Areas Selection |
| Tamper | On / Off |
| Video Motion Detection | Up to 4 Areas Selection |
| Lens Distortion Compensation | On / Off |
| NETWORK | |
| Video Compression | H.264 / H.265 / MJPEG |
| Video Resolution | 1920 x 1080, 1280 x 960, 1280 x 720, 640 x 480, 640 x 360, 320 x 240 |
| Video Frame Rate | 1920 x 1080 @ up to 30 fps |
| Video Streaming | Simultaneously H.265, H.264, MJPEG Independent Frame Rate and Bandwidth Control VBR / CBR Mode |
| Audio Streaming | Two way (G.711) |
| FTP Uploading | MJPEG Still Image |
| Event In | Onboot / Trigger / Network Loss / Tampering / Motion |
| Event Out Notification | Email, FTP |
| Login Authority | Administrator, Operator, Guest |
| Event Buffering | FTP: Pre / Post Event Time: 0 – 30 sec, FPS: 1 – 2 fps |
| Manual Trigger | Still Image Capture |
| Security | Multi User Authority, IP Filtering, HTTPS |
| Network Time Sync | Synchronize Computer / NTP Server, Manual |
| Software Reset | Restart, Reset, Factory Default |
| Auto Recovery | Backup, Restore |
| Remote Upgrade | Using Web Browser |
| Protocols | TCP/IP, UDP, IPv4, IPv6, HTTP, HTTPS, FTP, UPnP, RTP, RTSP, TRCP, DHCP, ARP, Zeroconf, Bonjour, SNMP |
| Client Software | Built in Web, ONVIF Compatible 3rd Party VMS |
| Max User Connection | 10 Users |
| Ethernet Tx / Rx | RJ-45 (10/100 Base-T) |
| GENERAL | |
| Power Source | DC 12V (+/-) 10%, PoE IEEE802.3af, Class3 |
| Power Consumption | 210mA |
| Operating Temperature | -10°C – +50°C / 0% – 90% RH |
| Dimension | Ø65mm x 135mm (L) |