



## D232S

### Key Features

Starlight illumination, Day/night functionality, Smart IR, up to 30 m (98 ft) IR distance, Car-grade LEDs, brighter and uniform light compensation, Up to 120 dB WDR (Wide Dynamic Range), 2D/3D DNR (Digital Noise Reduction), Ultra 265, H.264, MJPEG, Embedded smart algorithm, Triple streams, ROI (Region of Interest), Customized OSD, ONVIF Conformance, Wide temperature range: -35°C to 60°C (-31°F to 140°F), Wide input voltage range of  $\pm 25\%$ , IK10 vandal resistant, IP67, 3-Axis

#### Exsom EIPC-D232S ( F28/40)

|                                   |                                                                                           |
|-----------------------------------|-------------------------------------------------------------------------------------------|
| <b>Resolution</b>                 | 2MP (1920×1080)                                                                           |
| <b>Sensor</b>                     | 1/2.8", 2.0 megapixel, progressive scan, CMOS                                             |
| <b>Lens</b>                       | 2.8-4.0mm@F1.6                                                                            |
| <b>Angel of View</b>              | 107.8°---82.0°                                                                            |
| <b>Defog</b>                      | Digital Defog                                                                             |
| <b>Minimum illumination</b>       | Colour: 0.001 Lux (F1.6, AGC ON)0 Lux with IR on                                          |
| <b>IR Range</b>                   | 30m                                                                                       |
| <b>WDR</b>                        | 120 dB                                                                                    |
| <b>Video Compression</b>          | Ultra 265, H.264, MJPEG                                                                   |
| <b>Frame Rate</b>                 | 2MP (1920×1080): Max. 30 fps                                                              |
| <b>Working Environment</b>        | -35°C ~ +60°C                                                                             |
| <b>hardware facilities</b>        | IP67 – IK10- Micro SD up to 128GB                                                         |
| <b>Intelligent Identification</b> | Intrusion, cross line, motion detection, Face detection, People counting, Audio Detection |

| Camera                  |                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sensor                  | 1/2.8", 2 megapixel, progressive scan CMOS                                                                                  |
| Lens                    | 2.8-4.0mm@F1.6                                                                                                              |
| Angle of View(H)        | 107.8° --- 82.0°                                                                                                            |
| Shutter                 | Auto/Manual, 1/6~1/100000 s                                                                                                 |
| Minimum Illumination    | Colour: 0.001 Lux (F1.6, AGC ON), 0 Lux with IR on                                                                          |
| Day/Night               | Automatically removable IR-cut filter(ICR)                                                                                  |
| Digital noise reduction | 2D/3D DNR                                                                                                                   |
| S/N                     | >52dB                                                                                                                       |
| IR Range                | 30 m                                                                                                                        |
| Defog                   | Digital Defog                                                                                                               |
| WDR                     | 120 dB                                                                                                                      |
| Lens Mount              | -                                                                                                                           |
| Iris                    | -                                                                                                                           |
| Motor Zoom/focus        | -                                                                                                                           |
| Pan Range/Speed         | -                                                                                                                           |
| Tilt Range/Speed        | -                                                                                                                           |
| Video                   |                                                                                                                             |
| Resolution              | 1920×1080                                                                                                                   |
| Video Compression       | Ultra 265, H.264, MJPEG                                                                                                     |
| Frame Rate              | Main Stream:2MP (1920×1080): Max. 30 fps;<br>Sub Stream:2MP (1920×1080): Max. 30 fps;Third Stream:D1 (720×576): Max. 30 fps |
| HLC                     | Supported                                                                                                                   |
| 9:16 Corridor Mode      | Supported                                                                                                                   |
| BLC                     | Supported                                                                                                                   |
| OSD                     | Up to 8 OSDs                                                                                                                |
| Privacy Mask            | Up to 8 areas                                                                                                               |
| ROI                     | Up to 8 areas                                                                                                               |
| Motion Detection        | Up to 4 areas                                                                                                               |

| Smart                      |                                                                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Behavior Detection         | Intrusion, cross line, motion detection                                                                                                               |
| Intelligent Identification | Face detection, Audio detection, Defocus, Scene Change, Object Left, Object Moving                                                                    |
| Statistical Analysis       | People counting                                                                                                                                       |
| General Function           | Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP, Authentication, User Authentication |
| Storage                    |                                                                                                                                                       |
| Edge Storage               | Micro SD, up to 256 GB                                                                                                                                |
| Network Storage            | ANR                                                                                                                                                   |
| Network                    |                                                                                                                                                       |
| Protocols                  | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP                             |
| Compatible                 | ONVIF(Profile S, Profile G, Profile T), API                                                                                                           |
| Interface                  |                                                                                                                                                       |
| Audio I/O                  | 1/1                                                                                                                                                   |
| Alarm I/O                  | 1/1                                                                                                                                                   |
| Serial Port                | -                                                                                                                                                     |
| Network                    | 10M/100M Base-TX Ethernet                                                                                                                             |
| Video Output               | -                                                                                                                                                     |
| General                    |                                                                                                                                                       |
| Power                      | 12 V DC±25%, PoE (IEEE802.3 af), Max 4W                                                                                                               |
| Dimensions (L × W × H)     | Φ108.5 x 81 mm (Ø 4.28" x 3.2")                                                                                                                       |
| Weight                     | 0.45 kg (0.99 lb)                                                                                                                                     |
| Working Environment        | -35°C ~ +60°C (-31°F ~ 140°F), Humidity:10%~95%RH(non-condensing)                                                                                     |
| Ingress Protection         | IP67-IK10                                                                                                                                             |
| Reset Button               | -                                                                                                                                                     |
| Audio                      |                                                                                                                                                       |
| Audio Compression          | G.711                                                                                                                                                 |
| Suppression                | Supported                                                                                                                                             |
| Sampling Rate              | 8 KHZ                                                                                                                                                 |
| Built-in Mic               | -                                                                                                                                                     |