



## **ST-RV40BIR**

4MP Bullet Camera IR

# Features

- Multiple Progressive Scan CMOS Sensor Support 4M Resolution
- Multi codec support (H.265 / H.264 / MJPEG )
- Low latency streaming
- Quad streams support
- IR LED (working distance up to 40m)
- Text overlay and privacy masks
- ONVIF Profile S/G/Q Support
- Weatherproof (IP67)
- On-Board video contents analytic

## Technical Specification

|                  |   |
|------------------|---|
| Image Sensor     | 1/3" Progressive CMOS                         |
| Effective Pixels | 4M (2720x1536)                                |
| Illumination     | Color 0.1 lux@F1.2, B/W: 0.01 lux@F1.7        |
| Shutter Speed    | 1 ~ 1/10000 sec.                              |
| S/N Ratio        | >50 dB  |
| LENS             | Varifocal / Motorized, 2.7-12 mm focal length |

## Network

|                   |                             |
|-------------------|-----------------------------|
| Interface         | RJ-45, 10/100 Mbps Ethernet |
| Video Compression | H.265 / H.264 / MJPEG       |

## Image Setting

|                        |  |
|------------------------|--|
| Iris Control           | P-Iris   |
| Backlight Compensation | On / Off   |
| White Balance          | Auto/Manual / ATW / One Push   |
| Noise Reduction        | 3D / 2D / Color , Low / Middle / High / Off (W/Motion compensation)                                      |
| Wide Dynamic Range     | Shutter WDR On/Off (120dB)   |
| Privacy Mask           | On / Off   |
| Zoom                   | Support  |
| ICR                    | Day / Night / Auto cut   |
| Built-in Analytic      | Abandoned Object, Intrusion Detection, Camera Sabotage, Object Counting, Object Removal, Stopped Vehicle |

## Video Streaming

|              |             |   |
|--------------|-------------|---|
| Dual Streams | Normal Mode | H.265 / H.264 4M (2720x1536) @25/30 fps + H.265 / H.264 D1 @25/30 fps Note: One of the streamings (2M or under) can be set as MJPEG |
|              | HDR Mode    | H.265 / H.264 4M (2720x1536) @25/30 fps + H.265 / H.264 D1 @25/30 fps Note: One of the streamings (2M or under) can be set as MJPEG |

## Video Streaming

|                  |  |   |
|------------------|--|---|
| Quad Streams     | Normal Mode  | H.265 / H.264 4M(2720x1536) @25/30 fps<br>+ H.265 / H.264 720P @25/30 fps H.265/<br>H.264 VGA @25/30 fps + H.265 /H.264 CIF<br>@25/30 fps<br><br>Note: One of the streamings (2M or under)<br>can be set as MJPEG |
|                  | HDR Mode   | H.265 / H.264 4M (2720x1536) @25/30 fps+<br>H.265 / H.264 720P @25/30 fps+H.265 /<br>H.264 VGA@25/30fps+H.265 / H.264 CIF<br>@25/30fps  |
| Video Resolution | H.265 / H.264  | 4M (2720x1536) / Full HD 1080P / SXGA /<br>720P /XGA / SVGA / D1 / VGA / CIF  |
|                  | MJPEG  | Full HD 1080P / SXGA / 720P / XGA / SVGA<br>/ D1 / VGA / CIF  |
| Protocol         | IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP,<br>FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS,<br>ONVIF, unicast, multicast |   |
| Security         | HTTPS / IP Filter / IEEE 802.1X  |   |
| AudioInput       | Line in  | Max 6.2 Vpp for line signal<br>Input Impedance: 33K $\Omega$  |
|                  | Microphone in  | Max 1 Vpp for microphone<br>Input impedance: 33K $\Omega$   |
| Password Levels  | User and Administrator   |   |

## Audio

|               |                            |
|---------------|----------------------------|
| Two-way Audio | Line in / Line Out         |
| Compression   | G.711 / G.726 / AAC / LPCM |

## Mechanical

|                         |                             |
|-------------------------|-----------------------------|
| Built-in IR Illuminator | Working Distance up to 40 m |
| LED Indicator           | Power / ACT ; Status        |

## General

|                       |   |
|-----------------------|---|
| Operating Temperature | W/O Heater-30°C ~ 65°C<br>w/Heater 5°C ~ 65°C |
| Humidity              | 10% ~ 90%, No Condensation                    |
| Weatherproof Standard | IP67  |
| Dimension             | Φ 92x 216.6 mm (Φ 3.54 x 10.6 in.)            |
| Weight                | 780 g   |
| Power Source          | DC 12V / AC 24V / PoE (802.3af)               |

ALL PICTURES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT



[sales@sensortec-eu.com](mailto:sales@sensortec-eu.com)



[www.sensortec-eu.com](http://www.sensortec-eu.com)



Sydney House, 62 Lancaster Way, Ely,  
Cambridgeshire, CB6 3NW, UK.