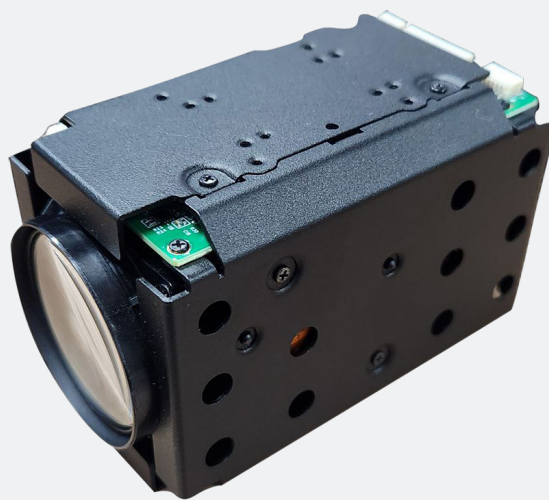


# LZ-R30



1/2.8" Sony CMOS Image sensor(Rolling shutter)  
1920 × 1080  
60/50 fps(TBA), 30/25 fps  
Color: 0.03 Lux @ (F.1.63, AGC ON), BW: 0Lux (IR LED)  
Optical 30x Digital 32x(TBA)  
256 zoom/focus presets(TBA)

## System

**Product** LVDS

## Image Sensor

**Sensor** 1/2.8" Sony CMOS Image sensor(Rolling shutter)

**Total pixels** 2,014(H) x 1,196(V) = 2.4M Pixels

**Effective pixels** 1,965(H) x 1,113(V) = 2.18M Pixels

**Resolution** 1920 × 1080

**Frame Rate** 60/50 fps(TBA), 30/25 fps

**Min. illumination** Color: 0.03 Lux @ (F1.63, AGC ON), BW: 0Lux (IR LED)

## Lens

**Zoom Ratio** Optical 30x Digital 32x(TBA)

**Focal Length** f = 4.6mm ~ 136.8mm

**Aperture ratio** F1.63(wide) ~ F4.85(tele)

**Angle Of View**  
H : 59°(W) ~ 2°(T)  
V : 34.6°(W) ~ 1.17°(T)  
D : 66.2°(W) ~ 2.36°(T)

**Min. Distance** 0.5m(Wide), 5m(Tele)

**Iris** DC auto iris(TBA)

**IR Cut Filter** on / off

## Function

**Control Mode** Auto / Manual / Zoom Trigger / One Push

**Presets** 256 zoom/focus presets(TBA)

**Day & Night** Auto, Day, Night, Ext-in

**D&N Levels** 10 levels (without Ext-in)

**Electronic Shutter Speed** 1/25(30)/1/50(60) ~ 1/5000

**White Balance Modes** Auto, Manual (3 steps or more)

**Exposure Modes** Auto / Iris. Priority / Shut. Priority / Manual

**Gain control** Auto / Manual

**WDR** Off / On(TBA)

**BLC** Off / On

|                  |   |
|------------------|---|
| HLC              | Off / On  |
| DNR              | 2D & 3D   |
| Defog            | N/A   |
| DIS              | Off / On(TBA)   |
| Mirror           | Off, Vertical Flip, Horizontal Flip, H+V Flip (180 degree rotation) |
| Privacy Mask     | Max 8 Zones   |
| Motion detection | 32 × 18 cell / AI motion detection(TBA)                             |
| Output Format    | BT.1120 16-bit YCbCr via LVDS(single or dual)                       |
| OSD              | support   |
| System Mode      | NTSC / PAL  |

General

|                       |  |
|-----------------------|--|
| External devices      | 1x D&N input(Ext-in)<br>1x PWM output(lighting control)<br>2x UART |
| External Stroage      | Micro SD (TBD)   |
| Power Supply          | 12V  |
| Power consumption     | TBD  |
| Storage Temperature   | -20°C ~ +60°C (Humidity < 90%RH, Non-condensing)                   |
| Operating Temperature | -10°C ~ +50°C (Humidity < 90%RH, Non-condensing)                   |
| Dimension             | TBD  |
| Weight                | TBD  |
| Certifications        | NA   |

Dimension

