# J2630Z

## 1080P Box Camera

12x Optical Zoom / LAN+3G-SDI / PoC+PoE

## ◥ Product Features

### ● 1080P Full-HD
The 1/2.8-inch quality HD CMOS sensor with effective 2.07 megapixels offers HD quality images up to 1920x1080 pixels.

### ● 72.5° Wide-angle Lens + 12X Optical Zoom
72.5° ultra-wide-angle lens with 12x optical zoom.

### ● POC and POE Supported
POC (Power Over Cable) and POE (Power Over Ethernet) supported; power supply, video, audio and control are integrated; the transmission distance of 1080P HD content is over 100 m.

### ● RS485 Remote Control
R485 port is used to remotely control all parameters of camera.

### ● HD Digital Interface
The 3G-SDI offers an effective transmission distance up to 100 m (1080p30). SDI and network outputs are are supported simultaneously.

### ● AAC Audio Encoding
AAC is supported for better sound quality and reduced bandwidth hogging.

### ● Jack
Audio I/O is supported to meet various requirements of customers.

### ● Network Interface Video Output
Network-based multiple Video stream outputs (bit stream No. 1 and bit stream No. 2) are supported.

### ● Low Illumination
The application of 2D and 3D noise reduction algorithm greatly reduces image noise. Even under the condition of ultra-low illumination, it still keep the picture clean and clear, and the SNR of image is as high as 55dB.

## ◥ Product Specifications

### ▌Camera

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|---|---|
| Signal System | 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50, |
| Sensor | 1/2.8 inches, CMOS, Effective Pixels: 2.07 Megapixels |
| Scanning Mode | Progressive |
| Focal length | 12x, f=3.5mm ~ 42.3mm, F1.8 ~ F2.8 |
| Minimum Illumination | 0.5 Lux @ (F1.8, AGC ON) |
| Shutter | 1/30s ~ 1/10000s |
| White Balance | Auto, Indoor, Outdoor, One Push, Manual, VAR |
| Backlight Compensation | Support |
| Digital Noise Reduction | 2D & 3D Digital Noise Reduction |
| SNR | ≥ 55dB |
| Horizontal FOV | 72.5° ~ 6.9° |
| Vertical FOV | 44.8° ~ 3.9° |
| Inverted Installation | Support |
| Preset Position | 255 |
| PoC | Support |
| PoE | Support |

### ▌Interfaces

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|---|---|
| HD Output | 1x 3G-SDI: BNC , 800mVp-p, 75Ω, as per SMPTE 424M standard |
| Network Interface | 1x RJ45: 10M / 100M adaptive Ethernet |
| Audio Interface | 1x LINE IN, 3.5mm Jack |
| Control Interface | 1x RS-485: 3-core honeycomb interface; max. distance 1200 m; VISCA/Pelco-D/Pelco-P protocols |
| Power Interface | DC005 type (DC IN 12V) / PoC / PoE (802.3af) |

### ▌General Specifications

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|---|---|
| Input Voltage | DC 12V / POC / POE (802.3af) |
| Input Current | 0.5A (Max.) |
| Operating Temperature | -10° C ~ 40° C |
| Storage Temperature | -40° C ~ 60°C |
| Power Consumption | 6W (Max.) |
| Dimension | 142mm x 77mm x 72mm |
| Net Weight | 0.7Kg |

### ▌Network Features

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|---|---|
| Video Compression | H.264 / MJPEG |
| Video Stream | First Stream, Second Stream |
| First Stream Resolution | 1920x1080, 1280x720, 1024x576 etc. |
| Second Stream Resolution | 1280x720, 720x576, 720x480, 320x240 etc. |
| Video Bit Rate | 32Kbps ~ 20480Kbps |
| Bit Rate Control | VBR, CBR |
| Frame Rate | 50Hz: 1fps ~ 25fps, 60Hz: 1fps ~ 30fps |
| Audio Compression | AAC |
| Audio Bit Rate | 96Kbps, 128Kbps, 256Kbps |
| Protocols | TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc. |