EX-SDI 1080p(2MP) IR Bullet Camera w/ 8 COB IR & Motorized 2.8~12mm Lens / Dual Power

| EX-SDI | 1080p | IP68 Outdoor | AC 24V / DC 12V |

1/2.9" Sony CMOS • MOTORIZED 2.8~12mm Auto-Iris Vari-Focal Lens • 8 COB IR LEDs • True Day & Night(ICR) • DNR (Digital Noise Reduction) • AWB (Auto White Balance) • SENS-UP • EX-SDI / HD-SDI selectable • Balun compatible

What is EX-SDI?

Union of great advantages from all existing technologies

HD-SDI
- Digital lossless quality
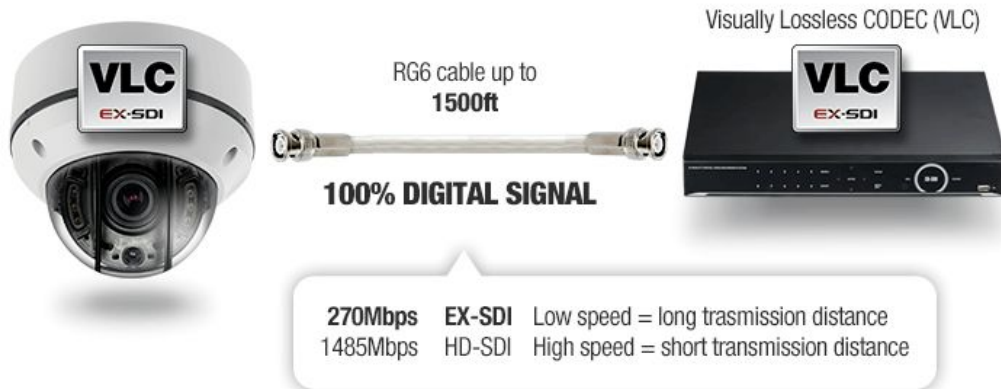- Strong resistance to interference

HD-TVI · CVI · AHD
- Long transmission distance
- Able to use video baluns

EX-SDI
THE NEXT GENERATION HD-TECHNOLOGY

The Secrets

EX-SDI utilize low frequency signal combine with the new VLC (Visually Lossless CODEC) technology, able to push up 99% identical image quality at more than twice the transmission distance.

Visually Lossless CODEC (VLC)

RG6 cable up to **1500ft**

100% DIGITAL SIGNAL

| 270Mbps | EX-SDI | Low speed = long trasmission distance |
| 1485Mbps | HD-SDI | High speed = short transmission distance |

Ready for 4K

EX-SDI is built in mind of adopting 4K resolution to security. Thanks to the EX-SDI VLC feature, because of that it is possible to transmit 4K in realtime FPS over coaxial cable.

Video Balun compatible

UTP cable is another option to transmit EX-SDI video signal in order to reduce cable cost. Specialized video balun for EX-SDI is required. (sold separately)
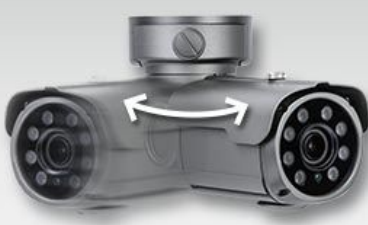

COB IR
CRISP & BEAUTIFUL IR IMAGE AT NIGHT

SINGLE POINT LOCK
3-AXIS ADJUSTMENTS / SINGLE SCREW LOCKING MECHANISM

PAN **TILT** **ROTATION**

**EASY ACCESS OSD & CONFIGURATION**

EASY SLIDE-IN INSTALLATION

FEATURES

- MOTORIZED 2.8~12mm Auto-Iris Vari-Focal Lens
- 1/2.9" Sony CMOS
- 0 Lux at IR On (8 pcs of COB IR LED)
- Upgraded Waterproof Housing (IP68 Rating)
- Smart IR / DNR (Digital Noise Reduction) / True Day & Night (ICR)
- RS-485 Option
- Easy Installation
- AC 24V / DC 12V

Resolution	1080p, 720p, 720p CROP
Sensor	1/2.9 inch SONY CMOS (IMX-222 / IMX322)
Total Pixels	2000(H) × 1241(V) = 2,482,000
Effective Pixels	1944(H) × 1092(V) = 2,122,648
Scanning System	Progressive
S/N (Y Signal)	More then 52 dB (AGC Off)
Video Output	SMPTE274M (HD-SDI) / CVBS: 1.0Vp-p (75ohm)
Min. Illumination	IR Product: 0 Lux at IR On
White Balance	Auto / Auto Ext / Preset / Manual
Shutter	Auto / Manual (1/30sec ~ 1/60,000sec)
Brightness	Adjustable (0~20 Step)
Sens Up	OFF / ×2 / ×4 / ×8 / ×16 / ×32
DNR	OFF / Low / Middle / High
Backlight	OFF / WDR / BLC / HLM
ACE	OFF / Low / Middle / High

Day & Night	Auto (Day <--> Night Time Change), Color, B/W, Extern
Privacy	OFF / ON
Motion	OFF / SET
Digital Zoom	×1 ~ ×16
Flip	OFF / ON
Freeze	OFF / ON
Language	English, Chinese, Chinese(S), Japanese, Korean
Sharpness	Adjustable (0~10 Step)
Defog	OFF / SET
Communication Port	RS-485 (Pelco-D)
Smart IR	Adjustable (0~20 Step)
Operating Temp / Humidity	-10°C ~ +50°C(14°F ~ 122°F) / 30%~80% RH
Storage Temp / Humidity	-20°C ~ +60°C(-4°F ~ 140°F) / 20%~90% RH
Power	AC 24V / DC 12V
Signal Transmission	The distant difference is occurred according to cable option and other circumstances. (based on 5C-HFBT : HD-SDI (200M) / EX-SDI (400M))

DIMENSIONS

95.0

153.5

105.0

103.9

151.4

89.5

153.1
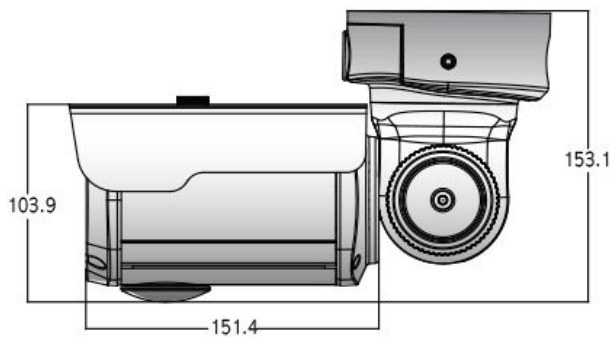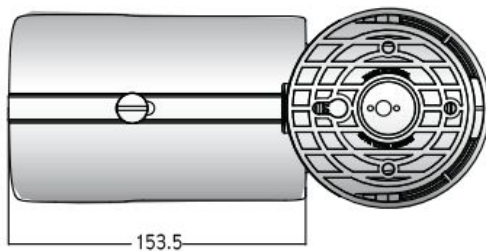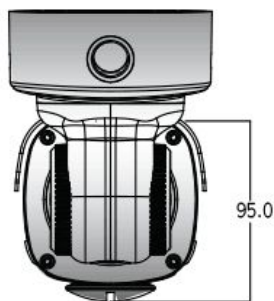
unit : mm

Camera Inputs & Outputs

| EX-SDI Output | CVBS Output | Power Input | RS-485 Input |
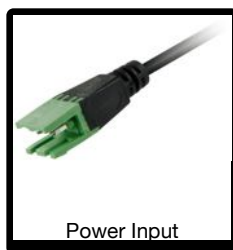
Camera Contents

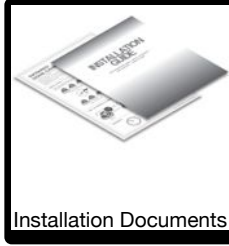|			
Mounting Screws × 4	Screw Anchor × 4	Conduit Hole Cover × 2	Mount Lock Tool
Service Video Out	Power Terminal Connector	Installation Documents	Mounting Guide Pattern