

Eyemax / EX-SDI IR Bullet / 2MP / COB IRx8 / 2.8~12mm AVF MP / ICR / AC 24V/DC 12V / Smart Mount II



1/2.9 inch SONY CMOS (IMX-222 • IMX-322) • HD-SDI (1080P • 720P • 720P CROP) • Extended Serial Digital Interface • 0 Lux at IR On (IR LED 08 pcs) • Upgraded Waterproof Housing (IP68rating) • OSD Controlled • DNR (Digital Noise Reduction) • Smart IR • WDR (Wide Dynamic Range) • Day & Night (ICR Option) • D.ZOOM • Privacy • Image Conversion • Easy Installation • DC Auto IRIS V/F Lens 2.8~12mm • DC Auto IRIS & TDN V/F Lens 2.8~12mm • Fixed Lens 3.6mm • 3.7mm • 4mm • 4.3mm • 6mm

What is EX-SDI?

Union of great advantages from all existing technologies

HD-SDI

- Digital lossless quality
- Strong resistance to interference

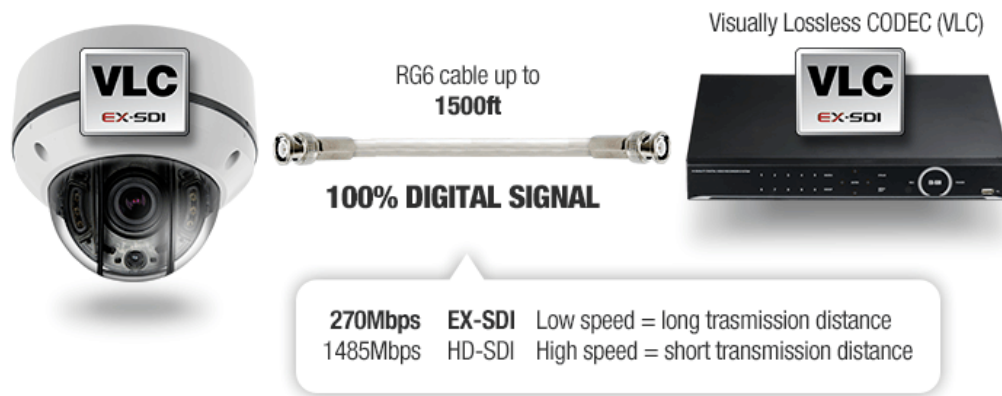
HD-TVI · CVI · AHD

- 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.



Ready for 4K

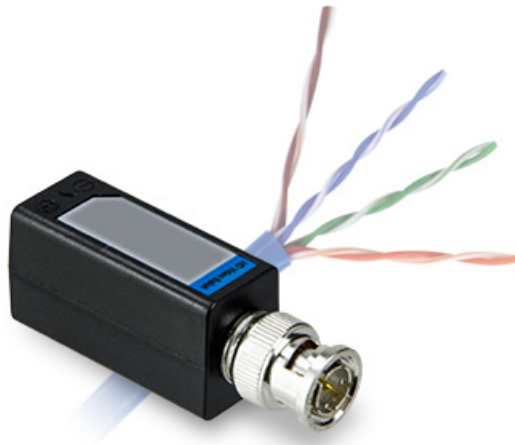
EX-SDI is built in mind of adopting 4K resolution to security. Thanks to the EX-SDI VLC feature, because of that it is possible to transmit 4K in realtime FPS over coaxial cable.

Backward Compatibility

EX-SDI Magic series will work with any HD-SDI cameras. Just like the Magic series once were compatible with their predecessors' technologies

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)



SPECIFICATIONS

Resolution	1080P, 720P, 720P CROP
Sensor	1/2.9 inch SONY CMOS (IMX-222 / IM x 322)
Total Pixels	2000(H) x 1241(V) = 2,482,000
Effective Pixels	1944(H) x 1092(V) = 2,122,648
Scanning System	PROGRESSIVE
S/N (Y signal)	More than 52 dB (AGC Off)
Video Output	SMPTE274M (HD-SDI) / (CVBS: 1.0Vp-p (75ohm) : Option)

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Min.Illumination	1 Lux at F1.2 / 0.1 Lux (B/W)
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 / HLC
ACE	OFF / LOW / MIDDLE / HIGH
Day & Night	AUTO (Day <--> Night TIME Change) , COLOR , B/W, EXTERN,
Privacy	OFF / ON
Motion	OFF / SET
D.ZOOM	x1.0 ~ × 16.0
FLIP	OFF / ON
FREEZE	OFF / ON
Language	ENG, CHN, CHN(S), JPN, KOR
Sharpness	ADJUSTABLE (0 ~ 10 STEP)
DEFOG	OFF / SET
COMM	RS-485 (PELCO-D)
SMART IR (IR product SPEC.)	ADJUSTABLE (0 ~ 20 STEP)
Operating Temperature / Humidity	14°F ~ 122°F(−10°C ~ 50°C) / 30% ~ 80% RH
Storage Temperature / Humidity	−4°F ~ 140°F(−20°C ~ 60°C) / 20% ~ 90% RH
Power	DC12V [AC24V / DC12V DualPower (option)]
signal Transmission	The distant difference is occurred according to cable option and other circumstances. (based on 5C-HFBT : HD-SDI (200M) / EX-SDI (400M))