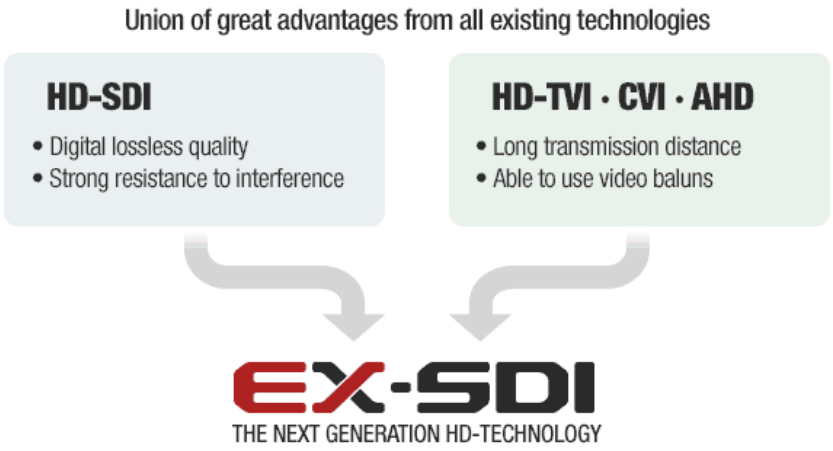
Eyemax / EX-SDI IR Bullet / 2MP / COB IRx12 / 6~50mm AVF MP / DC 12V/AC 24V / Smart Mount II

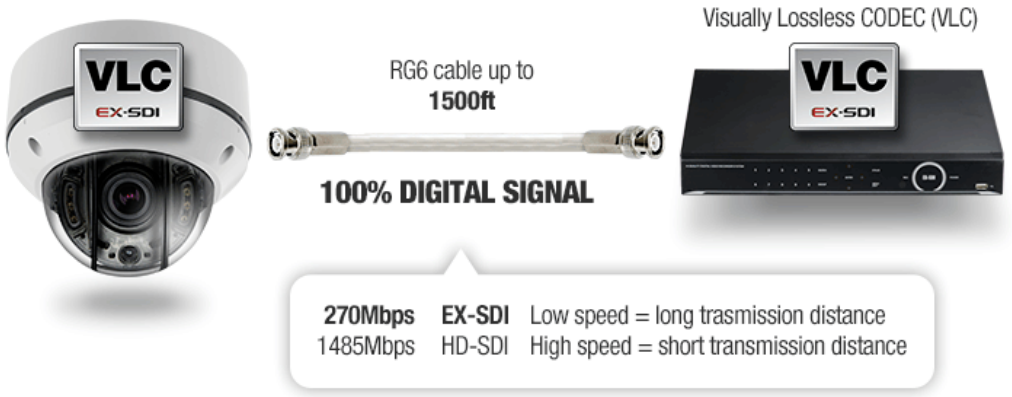
1/2.9 inch SONY CMOS (IMX-222 • IMX-322) • Extended Serial Digital Interface • 0 Lux at IR On (IR LED 12pcs) • Upgraded Waterproof Housing (IP 68 rating) • DNR (Digital Noise Reduction) • Digital WDR (Wide Dynamic Range) • Day & Night (ICR Option) • Easy Installation • ICR V/F lens • DC Auto IRIS V/F Lens • DC Auto IRIS & TDN V/F Lens • 6~50mm) Vari-focal Lens

What is EX-SDI?



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

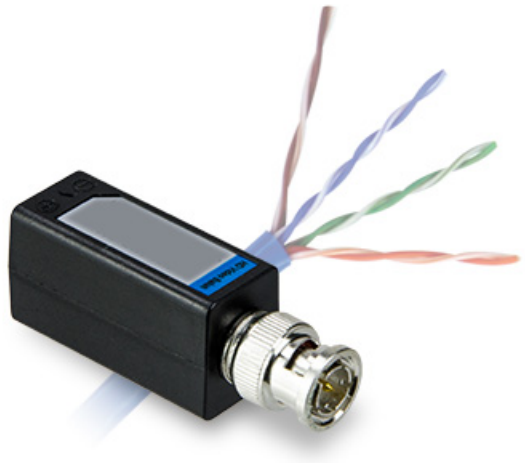
EX-SDI is built in mind of adopting 4K resolution to security. Thanks to the EX-SDI VLC feature, because of that it is possible to transmit 4K in realtime FPS over coaxial cable.

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
Sensor	1/2.9 inch SONY CMOS (IMX-222 / IM × 322)
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 than 52 dB (AGC Off)
Video Output	SMPTE292M (HD-SDI) / (CVBS: 1.0Vp-p (75ohm) : Option) (TVI : OPTION)

Min. Illumination	IR PRODUCT : 0 Lux at IR On 1 Lux at F1.2 / 0.1 Lux (B/W)
White Balance	AUTO / AUTO EXT / PRESET / MANUAL
Electronic shutter speed	AUTO / MANUAL (1/30sec ~ 1/30,000sec) / Flicker
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 / FLIP / FREEZE	OFF / ON
MOTION / DEFOG	OFF / SET
D.ZOOM	x1.0 ~ × 16.0
Language	ENG, CHN, CHN(S), JPN, KOR
Sharpness / Brightness	ADJUSTABLE (Sharpness : 0 ~ 10 STEP / Brightness : 0 ~ 20 STEP)
COMM.	RS-485(PELCO-D)
Temperature/Humidity	Operating (14°F ~ 122°F(−10°C ~ 50°C) / 30% ~ 80% RH) / Storage (−4°F ~ 140°F(−20°C ~ 60°C)/ 20% ~ 90% RH)
Power	AC24V / DC12V Dual Power
signal Transmission	The distant difference is occurred according to cable option and other circumstances. (based on 5C-HFBT : HD-SDI (200M) / EX-SDI (400M))