EX-SDI1080pIP68 OutdoorDC 12V1/2.9" Sony CMOS • 2.8~12mm Auto-Iris Vari-Focal Lens • 80 IR LEDs • True Day & Night(ICR) • DNR (Digital Noise Reduction) • AWB (Auto White Balance) • SENS-UP • EX-SDI • HD-SDI selectable • Balun compatible • Made in Korea

What is EX-SDI?

Union of great advantages from all existing technologies

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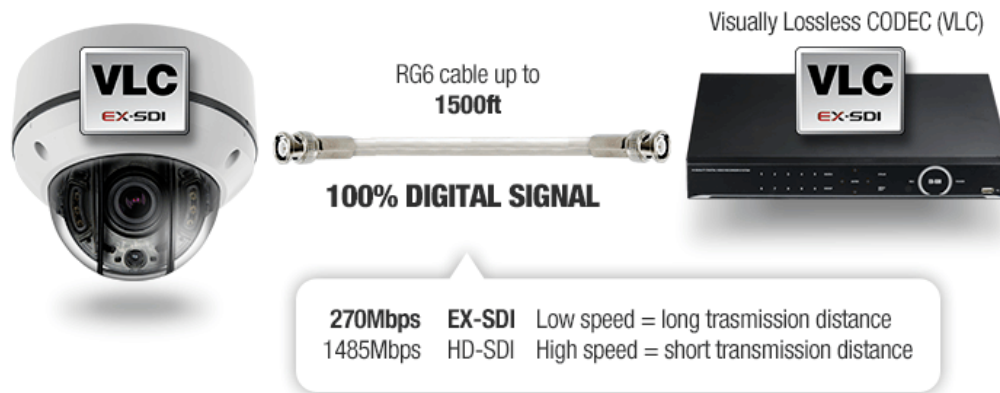• Strong resistance to interference

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.
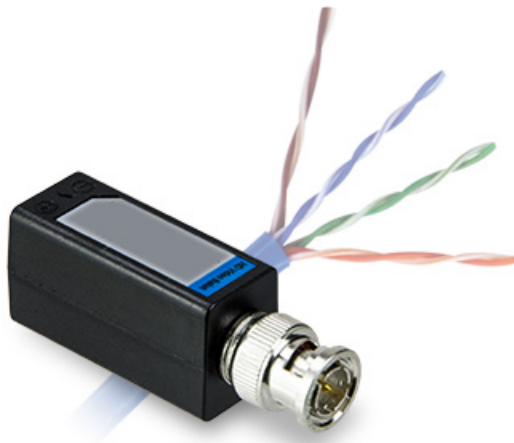
Backward Compatibility

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)

EX-SDI 1080p(2MP) IR Bullet Camera w/ 80 IR & 2.8~12mm Lens

SPECIFICATIONS

Resolution	HD-SDI(1080P, 720P) / 1000 TV LINE OVER
Sensor	1/ 3 INCH SONY CMOS
Total Pixels	2010(H) × 1108(V) = 2,227,080
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)
Min.Illumination	0 Lux at IR On
White Balance	AUTO / AUTO EXT / PUSHING / MANUAL
Electronic shutter speed	AUTO / Manual (1/ 30sec ~ 1/ 60,000sec)
Brightness	ADJUSTABLE (0 ~ 20 STEP)
SENS_UP	OFF / × 2 / × 3 / × 4
DNR	OFF / LOW / MIDDLE / HI
WDR/ BLC	OFF / WDR / BLC
HLM	OFF / SET
ACE	OFF / ON

Day & Night	AUTO (Day <--> Night TIME Change) , COLOR , B/ W, EXTERN, MDIR
Smart IR	OFF / ON
Privacy	OFF / ON (31 Zone)
Motion Detection	OFF / ON
D.ZOOM	0 ~ × 127
FLIP	OFF / ON
FREEZE	OFF / ON
Image Conversion	OFF / ON
Language	ENGLISH
Sharpness	ADJUSTABLE (0 ~ 10 STEP)
COMM.	RS-485(PELCO-D)
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 Only
Signal	328 ~ 492ft(100 ~ 150m) (Max transmission range is depends on the cable manufacturer and the installation environment.)