

Anti-IR Reflection | 4K EX-SDI/HD-SDI STORM® IR IP68 Vandal-Resistant Dome Camera with Vari-Focal Lens, 10 COB IR, L-Size, DC 12V



1/1.7 inch SONY CMOS (IMX-226) • 0 Lux at IR On (IR LED 10 pcs) / Upgraded Waterproof Housing (IP 68 rating) • DNR (Digital Noise Reduction) / 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 • Focal Length : 3.6~10mm

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

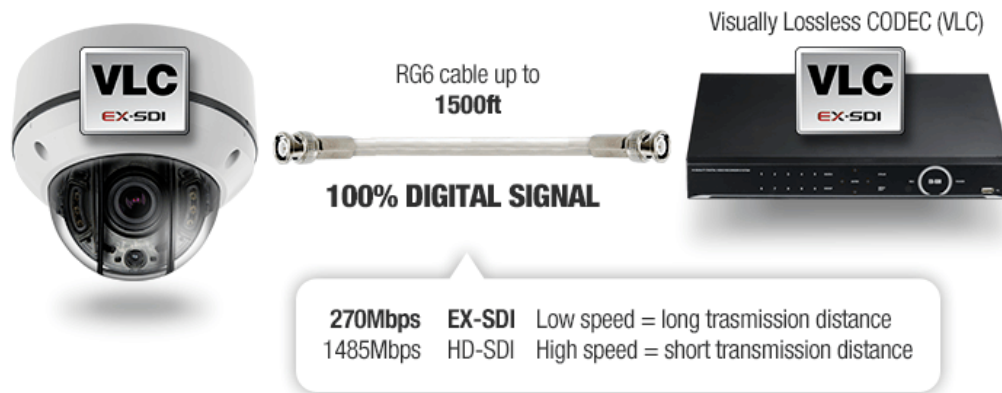
- Long transmission distance
- Able to use video baluns

EX-SDI
THE NEXT GENERATION HD-TECHNOLOGY

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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)

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SPECIFICATIONS

Resolution	2160 (UHD) 1080P (HD-SDI)
Sensor	1/1.7 inch SONY CMOS (IMX-226)
Effective Pixels	4074(H) × 3046(V) = 12.4M
Scanning System	PROGRESSIVE
S/N (Y signal)	More than 52 dB (AGC Off)
Video Output	UHD / HDMI 1.4 / SMPTE274M (HD-SDI)
Min.Illumination	0 Lux at IR On
White Balance	AUTO / AUTO EXT / PRESET / MANUAL
Electronic shutter speed	AUTO / MANUAL (1/30sec ~ 1/60,000sec)
Brightness	ADJUSTABLE (0 ~ 20 STEP)
DNR	OFF / LOW / MIDDLE / HIGH
BACKLIGHT	OFF / WDR / BLC / HLC
Day & Night	AUTO (Day <--> Night TIME Change) , COLOR , B/W, EXTERN
PRIVACY / MOTION	OFF / ON
Language	ENG, CHN, CHN(S), JPN, KOR
Sharpness	ADJUSTABLE (0 ~ 10 STEP)

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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	DC12V
signal Transmission	The distant difference is occurred according to cable option and other circumstances. (based on 5C-HFBT : UHD 150M)