



1/3" Sony CMOS • 2.8~12mm Mega-Pixel Vari-focal Lens • 35 IR LED • True Day & Night (ICR) • DNR (Digital Noise Reduction) • 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

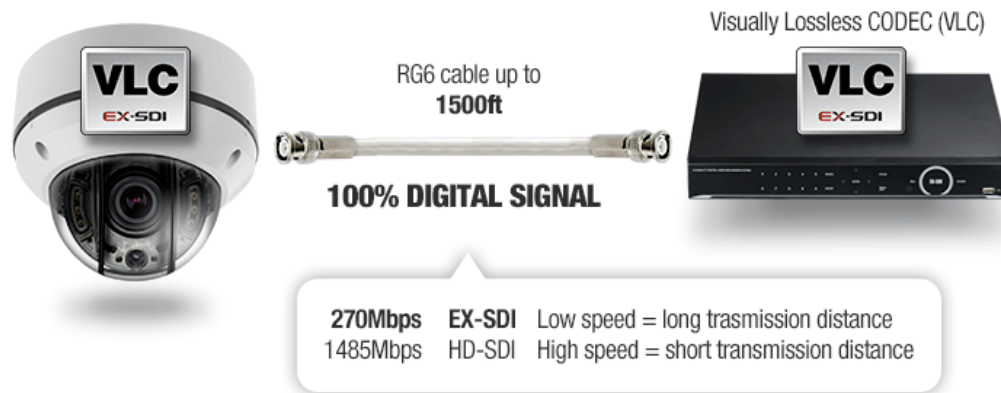
HD-TVI • CVI • AHD

- 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

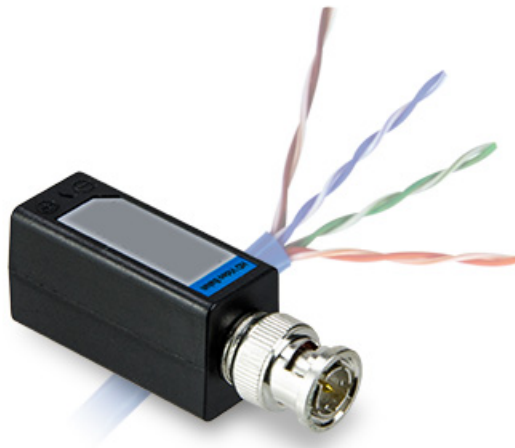
EX-SDI is built in mind of adopting 4K resolution to security. Thanks to the EX-SDI VLC feature, because of that it is possible to transmit 4K in realtime FPS over coaxial cable.

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)



FEATURES

- 2.8 ~ 12mm Mega-pixel Vari-focal Lens
- **1080p** FULL HD Flawless Video
- 1/2.9" Sony CMOS
- 0 Lux at IR On (IR : 35pcs)
- DNR (Digital Noise Reduction) / True Day & Night (ICR)
- Digital Wide Dynamic Range (D-WDR)
- Easy Installation
- switchable EX-SDI / HD-SDI output
- DC 12V

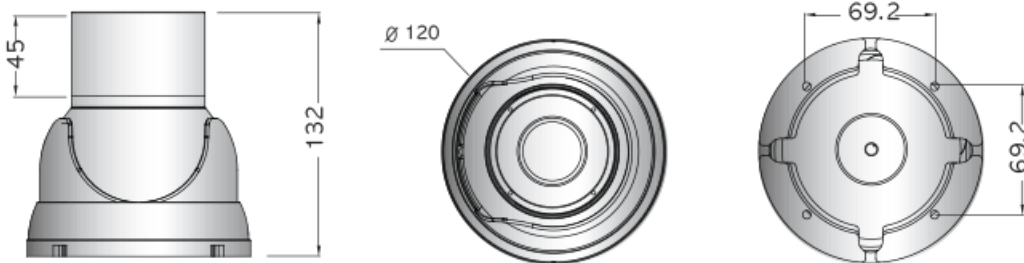
SPECIFICATIONS

Resolution	1080P / 720P
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 then 52 dB (AGC Off)
Video Output	EX-SDI output switch on HD-SDI Output

Eyemax | EX-SDI 1080P EYEBALL IR Dome Camera with Vari-focal Lens

Min. Illumination	IR Product: 0 Lux at IR On
White Balance	Auto / Auto Ext / Preset / Manual
Shutter	Auto / Manual (1/30sec ~ 1/30,000sec) / Flicker
Brightness	Adjustable (0 ~ 20 Steps)
Sens-up	Off / × 2 ~ × 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 / ON
Flip	OFF / ON
Defog	OFF / ON
Language	ENG / CHN / CHN(S) / JPN / KOR
Sharpness	Adjustable (0 ~ 10 Steps)
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	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 (500m))

DIMENSIONS



unit : mm