1/2.7" Mega Pixel Sensor • 2.8~12mm Mega Pixel Lens • 35 IR LED • 2 Mega Pixels • True Day & Night (ICR)

What is EX-SDI?

Union of great advantages from all existing technologies

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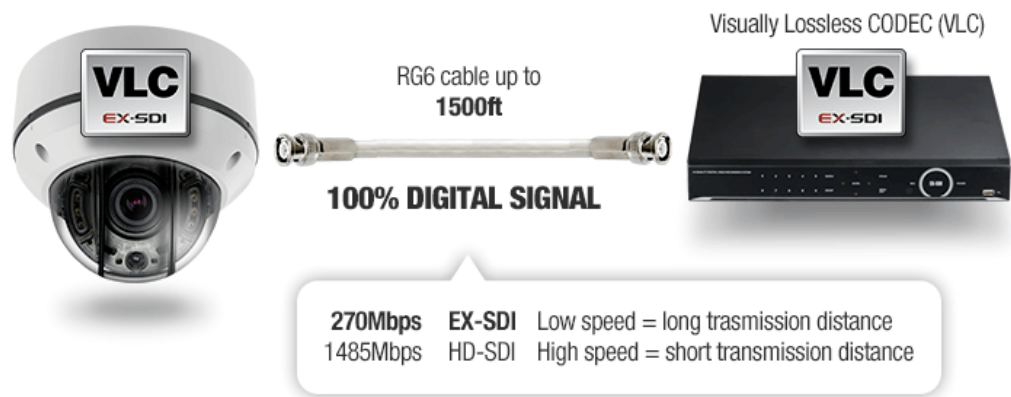- Strong resistance to interference

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.
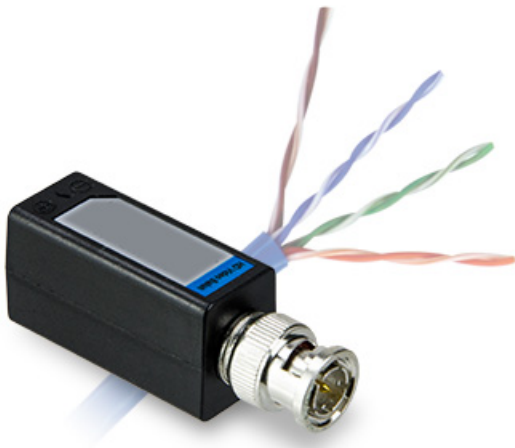
Backward Compatibility

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 Fixed Lens
- Indoor Type
- True Day & Night (ICR)
- 0 Lux at IR On (35pcs IR, 100ft IR Distance)
- Support UTC Function
- DC 12V

SPECIFICATIONS

Image Sensor	1/2.7" 2 Mega Pixel Sensor
Effective Pixels	2.0 Mega Pixels
Built-in Lens	2.8 ~ 12mm Mega Pixel Lens
Signal System	PAL/NTSC
Horizontal Resolution	PAL:1920 × 1080P 25F/S NTSC:1920 × 1080P 30F/S
Sync. System	Internal Sync.
Sensor Area	5.42 × 3.41mm
Video Output	EX-SDI output, switch on HD-SDI Output
S/N Ratio	More than 50dB (AGC OFF)

OSD Menu	NO
White Balance	Auto Tracking White Balance
Shutter Speed	1/25 ~ 50,000Sec.
IR Leds	35pcs
Working Temperature	14°F ~ 122°F(−10°C ~ 50°C)
Storage Temperature	−4°F ~ 140°F(−20°C ~ 60°C)
Power Requirement	DC12V, Max Power consumption Less Than 3W (When the infrared lamps turn on)
Weight	1.06lb(0.48kg)