

# EX-SDI : 1080p Non-IR Indoor Dome with 3.6mm Fixed Lens



EX-SDI 1080p DC 12V Indoor Case color

1/2.8" CMOS • 3.6mm Mega-Pixel Fixed Lens • True Day & Night (ICR) • DNR (Digital Noise Reduction) • Defog • Digital WDR • EX-SDI / HD-SDI selectable • Balun compatible

## What is EX-SDI?

Union of great advantages from all existing technologies

### HD-SDI

- Digital lossless quality
- Strong resistance to interference

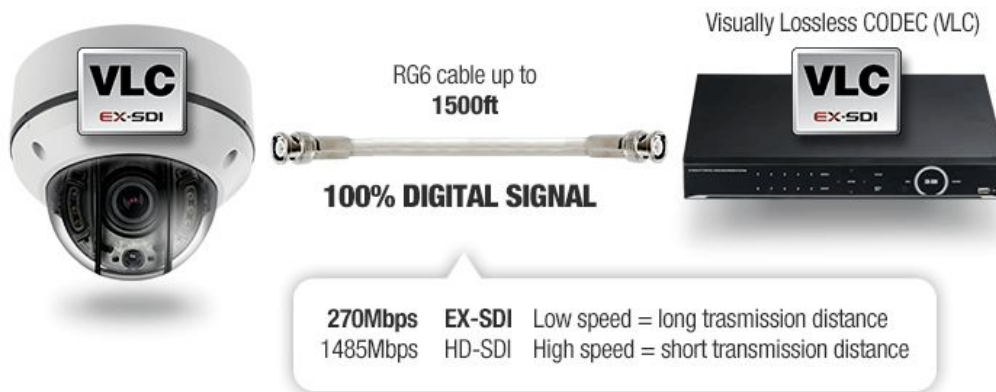
### HD-TVI • CVI • AHD

- 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.

## 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

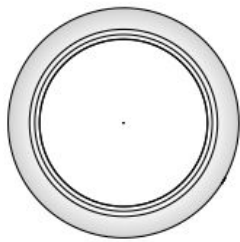
- 3.6mm Fixed Lens
- EX-SDI **1080p** FULL HD Flawless Video
- 1/2.9" CMOS
- True Day & Night (ICR)
- Defog · HLI · 3D DNR (3D Digital Noise Reduction)
- Digital WDR
- switchable EX-SDI / HD-SDI output
- CVBS output (analog)
- DC 12V

## SPECIFICATIONS

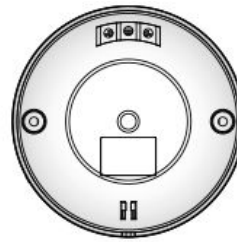
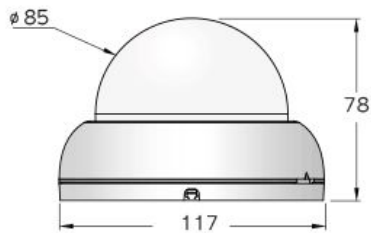
Resolution	1080P, 720P, 720P CROP
Sensor	1/2.9 inch SONY CMOS (IMX-222 / IMX322)
Total Pixels	2000(H) × 1241(V) = 2,482,000
Effective Pixels	1944(H) × 1092(V) = 2,122,648
Scanning System	PROGRESSIVE
S/N (Y signal)	More than 52 dB (AGC Off)
Video Output	SMPTE274M (HD-SDI) / CVBS: 1.0Vp-p (75ohm)
Min.Illumination	1 Lux at F1.2 / 0.1 Lux (B/W)
White Balance	AUTO / AUTO EXT / PRESET / MANUAL
Shutter	AUTO / MANUAL (1/30sec ~ 1/60,000sec)
Brightness	ADJUSTABLE (0 ~ 20 STEP)
SENS_UP	OFF / x2 / x4 / x8 / x / x32
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 / SET
D.ZOOM	x1.0 ~ x16.0
FLIP	OFF / ON
FREEZE	OFF / ON
Language	ENG, CHN, CHN(S), JPN, KOR
Sharpness	ADJUSTABLE (0 ~ 10 STEP)
DEFOG	OFF / SET
COMM	RS-485 (PELCO-D)

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 (400M))

## DIMENSIONS



unit : mm



## Camera Inputs & Outputs



## Camera Contents

