



- 1/2.9 inch SONY CMOS
  - IMX-222
  - IMX-322
- HD-SDI CROP
  - 1080P
  - 720P
  - 720P
- Extended Serial Digital Interface
- Upgraded Waterproof Housing IP68 Ingress Protection
- OSD Controlled
- DNR (Digital Noise Reduction)
- 0 Lux at IR On 8 COB Smart IR
- WDR (Wide Dynamic Range)
- Day and Night (ICR Option)
- Digital ZOOM, Privacy, Image Conversion
- DC Auto IRIS and TDN 2.8~12 mm Varifocal Lens
- Fixed Lens
  - 3.6 mm
  - 3.7 mm
  - 4 mm
  - 4.3 mm
  - 6 mm

**SPECIFICATIONS**

Resolution	1080p, 720p, 720p CROP
Sensor	1/2.9 inch SONY CMOS (IMX-222 / IM × 322)
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 then 52 dB (AGC Off)
Video Output	SMPTE274M (HD-SDI) / CVBS: 1.0Vp-p (75ohm)
Min. Illumination	IR Product: 0 Lux at IR On
White Balance	Auto / Auto Ext / Preset / Manual
Shutter	Auto / Manual (1/30sec ~ 1/60,000sec)
Brightness	Adjustable (0 ~ 20 Step)
Sens Up	OFF / × 2 / × 4 / × 8 / × 16 / × 32
DNR	OFF / Low / Middle / High
Backlight	OFF / WDR / BLC / HLM
ACE	OFF / Low / Middle / High
Day & Night	Auto (Day <--> Night Time Change), Color, B/W, Extern
Privacy	OFF / ON
Motion	OFF / SET
Digital Zoom	×1 ~ × 16
Flip	OFF / ON
Freeze	OFF / ON
Language	English, Chinese, Chinese(S), Japanese, Korean
Sharpness	Adjustable (0 ~ 10 Step)
Defog	OFF / SET
Communication Port	RS-485 (Pelco-D)
Smart IR	Adjustable (0 ~ 20 Step)
Operating Temp / Humidity	14 °F (-10 °C) ~ 122 °F (50 °C) / 30% ~ 80% RH
Storage Temp / Humidity	-4 °F (-20 °C) ~ 140 °F (60 °C) / 20% ~ 90% RH
Power	AC 24V / 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))