

EEM012-HDSDI Specification

*** EEM012-HDSDI**

- FULL HD 12xZoom SMART FOCUS HD-SDI vision Camera



EEM012-HDSDI is an HD-SDI vision camera . With its compact design.

Key Features

- *Uncompressed high quality FULL HD video with 60 frame rate*
- *Support Built-in HD-SDI TX(270M/1.485G/2.97G)*
- *Embedded EX-SDI Encoder (Long Reach, about 500M)*
- *Supported DIS(Digital Image Stabilizer)System*
- *Fast Auto Focus with continuous tracking*
- *Patented intelligent IR protection technology*
- *Contrast Enhancement (Local Exposure),Adaptive Contrast Enhancer(ACE)*
- *AWB(Automatic White Balance)*
- *AE(Automatic Exposure)*
- *BLC(Back Light Compensation)*
- *DFC(Defective Pixel Correction) on the fly*
- *Remote lens control via standard controller (RS232)*
- *HD video transmission up to 100M*
- *Sony 1/2.8" IMX-291 CMOS, 2Megapixel*
- *Up to 1920X1080 30f resolution*
- *Built-in DC Auto Iris with IR cut Filter conversion system*
- *Composite video output for instant camera test or for conventional use with SD DVR*
- *2D/3D DNR (Digital Noise Reduction), Optical zoom , Digital zoom, Wide Dynamic Range(WDR)*
- *ADC Interface for external control of OSD (Using controllers, etc.)*
- *DC12V*

EEM012-HDSOI Specification

Specification for Camera

MODEL	EEM012-HDSOI
Sensor Device	Sony 1/2.8" progressive scan CMOS, 2Megapixel
Total Pixels	1945(H) x 1109(V) 2.16 Megapixel
Effective Pixels	1945(H) x 1097(V) 2.13 Megapixel
Scanning System	Progressive Scan
Horizontal	800TVL
S/N Ratio	More than 50dB (AGC Off)
Shutter Speed	1/30s Default,(Long Exposure Mode, ~1Sec)
Video Output	1280 x 720 60F, 1920 x 1080 30F, 1920 x 1080 60P (Mode Select)
Video Output Format	1.485G/s, HD-SDI Output (SMPTE 292M) ,or EX-SDI
AV Output	1V p-p Composite. 75 Ohms
Digital Output	SDI Output
Day & Night	IR CUT Filter Conversion System
Serial Port	RS232
Lens Control	Motorized Lens Control by stepping Motor. (Simplified Adjustment)
2D/3DNR	Off / On (User selectable by OSD)
Power Source	DC 12V
OSD	Video Mode / D&N / AWB / AE / Flickerless /DIS Brightness / Sharpness / Mirror & Flip / DSS/DNR, etc.
Ambient Temperature	-10°C ~ 50°C

- Specifications are apt to change without prior notice to enhance quality and performance.

Specification for Lens

MODEL	EEM012-HDSOI
Fno	F2.2(Wide) ~ F2.3(Tele)
Effective Focal Length	F=4.8 ~ 57.6mm (Zoom Ration = 12x)
Focusing Range	10cm(Wide) ~ 1M(Tele)
Field Of View (Degree)	Wide : 71.7(D) , 64.2(H) , 37.5(V) Tele : 6.7(D) , 5.9(H) , 3.3(V)
Relative Illumination	More than 50%

EEM012-HDSDI Specification

● **Dimension**

	Dimension	3D
Front		
Top		
Side 1		
Side 2		

EEM012-HDSI Specification

