

EEM012-GiGaE Specification

* EEM012-GiGaE

- FULL HD 12xZoom SMART FOCUS Giga Ethernet Network vision Camera



EEM012-GiGaE is an H.264 output format vision camera . With its compact design.

Key Features

- *Uncompressed high quality FULL HD video with 60 frame rate*
- *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*

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Specification for ISP to Camera

MODEL	EEM012-ISP
Sensor Device	Sony IMX291 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)
AV Output	1V p-p Composite. 75 Ohms
Output Format	BT1120 16bit (YUV422)
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	EEL003
Fno	F2.2(Wide) ~ F2.3(Tele)
Effective Focal Length	F=4.8 ~ 57.6mm (Zoom Ratio = 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%

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Specification for Network

Compression	H.264 Encoder(BP/MP @Level 4.1), MJPEG/JPEG BP
Image Resolution	1080P, 30Frame
Bitrate Control	CBR/VBR control
Multi-stream	H.264 + MJPEG dual-streaming (2M 30fps)
Caption	No Supported
Motion Detection	supported,
Digital Noise Reduction	supported
Digital Defog	supported
Image Flip	supported
Network Protocols	Supported Onvif (IP,ICMP,UDP,TCP,IGMP,ARP,PPPoE,DHCP,DNS ...)
User Interface	Web Configuration Supported
Max. User Access	5
Alarm Triggers	supported
Alarm Events	supported
Memory Slot	supported,(SD Card)

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● **Dimension**

	Dimension	3D
Front		
Top		
Side 1		
Side 2		
Bottom		