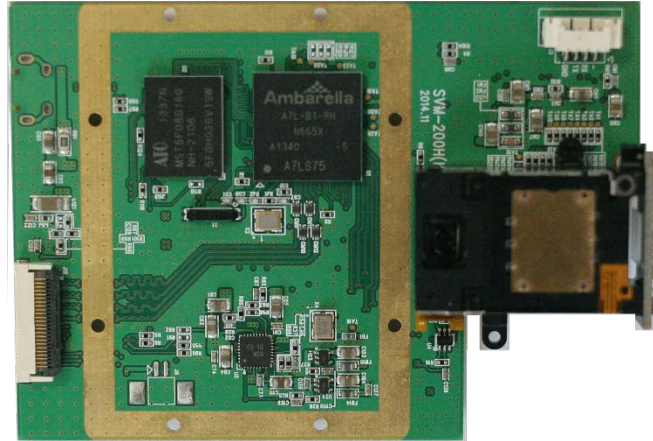


EEM001-HDMI Specification

*** EEM001-HDMI**

- FULL HD Optical 3xZoom and Digital 10xZoom Total 15xZoom
SMART FOCUS HDMI vision Camera



EEM012-HDMI is an HDMI 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
- Aptina 1/3.2" AR0330 CMOS sensor, 2Megapixel, SoC Chip is Ambarella A7LS
- Up to 1920X1080 60f 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)
- DC12V

EEM001-HDMI Specification

Specification for Camera

MODEL	EEM001-HDMI
Sensor Device	Aptina 1/3.2" 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)
Digital Output	HDMI
Day & Night	IR CUT Filter Conversion System
Serial Port	RS232
Lens Control	Motorized Lens Control by stepping Motor. (Simplified Adjustment)
Power Source	DC 12V
Ambient Temperature	-10°C ~ 50°C

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

Specification for Lens

MODEL	EEL001
Fno	F2.8(Wide) ~ F5.6(Tele)
Effective Focal Length	F=4.4 ~ 13.2mm (Zoom Ration = 3x)
Focusing Range	10cm ~ ∞ (Wide), 10cm ~ ∞ (Tele)
Field Of View (Degree)	Wide : 66.84(D) , 55.08(H) , 42.18(V) Tele : 24.48(D) , 19.74(H) , 14.96(V)
Relative Illumination	More than 50%

EEM001-HDMI Specification

- Dimension

	Dimension	3D
FRONT	<p>Supporting Plate</p> <p>29.84</p> <p>18.1</p> <p>9.3</p> <p>8.8</p>	
RIGHT	<p>FOCUS MOTOR</p> <p>7.9</p>	

EEM001-HDMI Specification

