



INNOVATIVE
HIGH DEFINITION SURVEILLANCE



ACE-M321NU

750TVL Module Camera

www.ktncusa.com

- 750TVL Horizontal Resolution
- Pinhole, Board, Varifocal Lens, C / CS (DC)
- 1/3" SONY EXview HAD CCD II
- Min. Illumination of 0.05 Lux
- Digital Day & Night
- 2D DNR / HLC / ATR / AGC / AWB
- DC 12 V Power

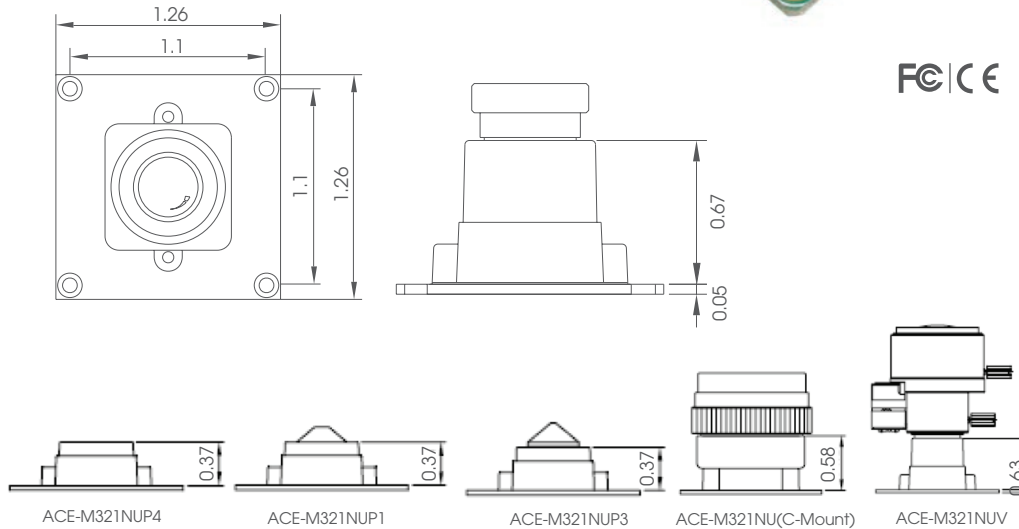
Resolution
960

Resolution 960

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General Feature Diagram Unit: (inch)



TYPE	Board Lens											Pinhole Lens			Varifocal (V)	C/CS Mount	
	P1	P3	P4	F2.8	F3.0	F2.0	F2.0	F2.0	F2.0	F2.2	F2.5	F2.0	F2.0	F2.0			
Focal Length	1.24	1.78	2.1	2.45	2.97	3.6	6	8	12	16	25	50	3.7	3.7	4.3	4.0 ~ 8.0	Lens Mount Only
Aperture	F2.8	F3.0	F2.0	F2.0	F2.0	F2.0	F2.0	F2.2	F2.5	F2.5	F2.5	F2.0	F2.0	F2.0	F2.0 ~ F2.8		
Angle of View	190°	170°	160°	150°	130°	92°	53°	40°	28°	19°	13.5°	9.2°	90°	90°	78°	89.2° ~ 44.2°	

Lens (mm)

ACE-M321NU

750TVL WDR Module Camera



Technical Specification

Signal System	NTSC	
Image Sensor	1/3" SONY EXview HAD CCD II	
Scanning System	2:1 Interlace	
Horizontal Resolution	750TV Lines	
Scanning Frequency	15.734 KHz x 59.94 Hz (H x V)	
Total Pixels	Effective Pixels	1020 x 508 (H x V) 976 x 494 (H x V)
Synchronization	Internal	
Lens	Pinhole, Board, Varifocal Lens, C / CS (DC)	
Lens Type	Manual / DC Iris Lens (Optional)	
S/N	More than 50 dB (AGC Off)	
Gamma	r = 0.45	
Min. Illumination	0.05 Lux (30 IRE@F2.0)	
Shutter Speed	1/60 ~ 1/100,000 sec	
Day & Night	Digital Day & Night	
IR LED	Distance	N/A
Day & Night Function	Auto, Color, B/W, EXT1, EXT2	
IP Rating	N/A	
Video Output Level	1.0 Vp-p Composite (75 Ω)	
On-Screen Display (OSD)	N/A	
BLC	Off, BLC, HLC	
DNR	2D DNR	
ATR	On / Off (Level Adjustable)	
White Balance	ATW, Push, User1, User2, Anti CR, Manual, Push-lock	
Privacy Masking	4 Zones	
Mirror	On / Off	
Motion Detection	4 Zones	
WDR	N/A	
Digital Zoom Ratio	N/A	
Digital Slow Shutter	N/A	
Other Function	Brightness, Contrast, Sharpness, Hue, Gain	
Language Option	English, Japanese, German, French, Russian, Portuguese, Spanish, Chinese	
Operating Temperature	14 °F ~ 122 °F (-10 °C ~ 50 °C)	
Storage Temperature	-4 °F ~ 140 °F (-20 °C ~ 60 °C)	
Humidity	Less than 80 % RH	
Power Supply	DC 12 V (±10 %), Max. 100 mA	
External Control	N/A	
Dimension	Weight	1.26 x 1.26 inch (32 x 32 mm) N/A