



SI-M417EX / SI-517EX

Ultra Miniature Ext-Sync 1/3" B/W CCD Cameras

- 1/2-inch & 1/3-inch 410,000 Pixels CCD
- 580TV lines of Horizontal Resolution
- Minimum illumination of 0.1Lux at F1.2
- Manual Electronic Shutter Function
(1/100~100,000 second)
- Backlight compensation On/Off selectable
- Gamma 0.45/1.0 selectable
- External Sync
- Rugged Industrial case design



■ SPECIFICATIONS

ITEMS	USB217EX	USB417EX
Pick-up Device	1/2-inch I/T CCD	1/3-inch I/T CCD
Effective Pixels (H)x(V)	768×494	
TV System	EIA	
Sync System	Internal / Ext Sync (HD/VD)	
Horizontal Resolution	580 TV lines	
Video Outputs	Composite Video (1.0Vp-p / 75Ω)	
Video S/N Ratio	52 dB (AGC Off)	
Minimum Illumination	0.1 lux (0.08 lux for SI-M417EX)	
AGC	32 dB (On /Off selectable)	
Backlight Compensation	On/Off selectable	
Auto Electronic Shutter	On/Off selectable	
Manual Shutter Speed	1/100, 1/250, 1/500, 1/1000, 1/2000, 1/5000, 1/10000, 1/100000 sec	
Gamma	0.45/1.0 selectable	
Flickerless	On/Off selectable	
Lens Mount	C /CS Mount	
Power	DC 12V	
Operating temperature	-10°C to 50°C (14°F to 122°F)	
Weight	140g (0.31 lbs)	
Dimensions(with lens)	41(W)×41(H)×51.6(D)mm [1.6(W)×1.6(H)×2.1(D) inch]	



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