

SkyCAM USB3 Series

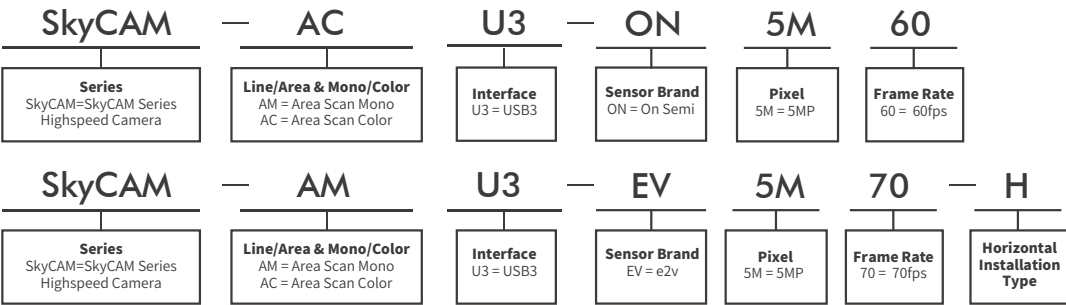
SkyCAM USB3.0 工業相機

◆ 產品特色

- 採用最新的電子式快門CMOS感測器元件
- 高性價比的小型化C/CS-Mount光學鏡頭接口
- 超小型化的相機尺寸與可螺絲鎖付固定的USB接口
- 支援USB3.0的匯流排供電，無須額外供電
- 當使用長電纜或AOC光纖時可使用外接電源
- 相容USB3 Vision介面以及GenICam介面
- 提供軟體開發套件以進行相機控制與影像擷取



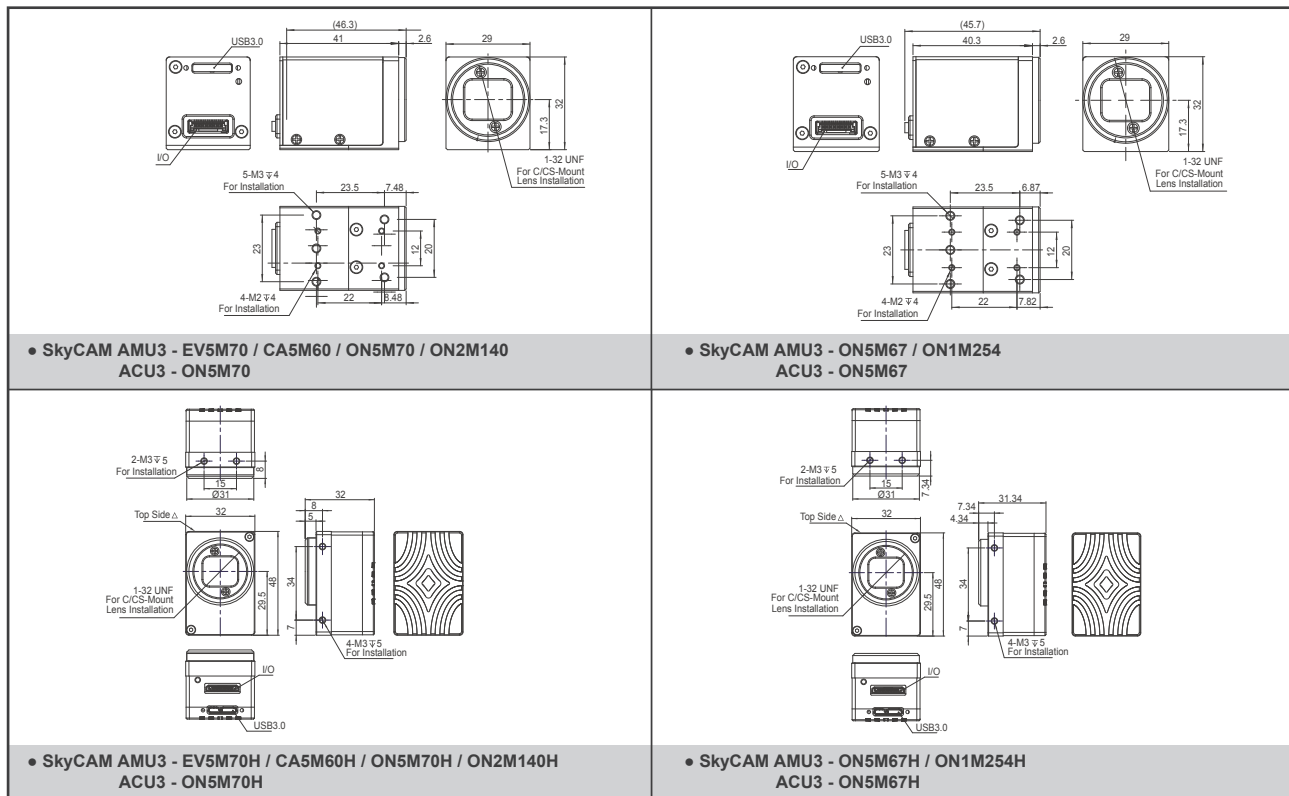
◆ 產品型號



◆ 系列規格表

Features / Model	SkyCAM AMU3-EV5M70	SkyCAM AMU3-CA5M60	SkyCAM AMU3-CA5M70	SkyCAM AMU3-ON5M70	SkyCAM ACU3-ON5M70
CMOS Sensor	Teledyne e2v Lince5M	Canon 3U5MGX	Canon LI5040	On Semi. XGS5000	
Resolution (HxV)	2560 x 2048	2592 x 2048		2592 x 2048	
Pixel Size	5µm	3.4µm		3.2µm	
Sensor Technology / shutter	Global Shutter	Global Shutter		Global Shutter	
Sensor Size (optical)	1 Inch	2/3 Inch		2/3 Inch	
Frame Rate	70 fps	60 fps	70 fps	70 fps	
Mono / Color	Monochrome	Monochrome		Monochrome	Color
Video Output Format	Mono 8/10	Mono 8/10		Mono 8/10/12	Bayer 8/10
Analog Gain	1/2/4x	1/2/4/8/16x		1/2/4x	
Digital Gain	0.01 ~ 16x				
Flat Field Correction	Pixel Based				
Output Interface	Micro-B with Screw Locking				
Output Standard	USB3 Vision				
Signal to Noise Ration	42 dB	40 dB		40 dB	
Synchronization	External Trigger / Software Trigger / Free Run				
Exposure Control	Programmable 1uS ~ 10S	Programmable 12uS ~ 4S		Programmable 12uS ~ 10S	
Dimensions (L x W x H)	32 x 29 x 43.6 mm H : 32 x 32 x 48 mm (without lens adapter and connectors)				
Lens Mount	C-Mount / CS-Mount				
Digital Input / Output	2 Opto-isolated Input / 2 Opto-isolated Output				
Power & I / O Connector	Screwless & Pluggable Terminal Block				
Power Consumption (typical)	4.5W @ USB 5V	3.3W @ USB 5V		3.65W @ USB 5V	
Weight(typical)	62g / H : 70g (Horizontal Installation)				
Operating Temperature	-20 to +60°C (housing temperature)				
Power Input	USB 3.0 Bus Powered or External DC 9V~26V				

◆ 產品尺寸圖



Features / Model	SkyCAM AMU3-ON2M140	SkyCAM AMU3-ON5M67	SkyCAM ACU3-ON5M67	SkyCAM AMU3-ON1M254
CMOS Sensor	On Semi. XGS2000	On Semi. AR0521 On Semi. AR0522 (NIR+)		On Semi. AR0134
Resolution (HxV)	1920x 1200	2560 x 1944		1280 x 960
Pixel Size	3.2μm	2.2μm		3.75μm
Sensor Technology / shutter	Global Shutter	Rolling Shutter		Global Shutter
Sensor Size (optical)	1 / 1.25 Inch	1 / 2.5 Inch		1 / 3 Inch
Frame Rate	140 fps	67 fps		54 fps @ Free Run 50 fps @ Ext. Trigger
Mono / Color	Monochrome	Monochrome	Color	Monochrome
Video Output Format	Mono 8/10/12	Mono 8/10	Bayer 8/10	Mono 8/10/12
Analog Gain	1/2/4x	1 ~ 12x		1/2/4/8x
Digital Gain	0.01 ~ 16x			
Flat Field Correction	Pixel Based			N/A
Output Interface	Micro-B with Screw Locking			
Output Standard	USB3 Vision			
Signal to Noise Ration	40 dB	40 dB		38dB
Synchronization	External Trigger / Software Trigger / Free Run			
Exposure Control	Programmable 12uS ~ 10S	Programmable 8uS ~ 10S		Programmable 19uS ~ 10S
Dimensions (L x W x H)	32 x 29 x 43.6 mm H : 32 x 32 x 48 mm (without lens adapter and connectors)	32 x 29 x 42.9 mm (without lens adapter and connectors) H : 32 x 31.34 x 48 mm		
Lens Mount	C-Mount / CS-Mount			
Digital Input / Output	2 Opto-isolated Input / 2 Opto-isolated Output			
Power & I / O Connector	Screwless & Pluggable Terminal Block			
Power Consumption (typical)	3.6W @ USB 5V	3W @ USB 5V		2.8W @ USB 5V
Weight(typical)	62g / H : 70g (Horizontal Installation Type)			
Operating Temperature	-20 to +60°C (housing temperature)			
Power Input	USB 3.0 Bus Powered or External DC 9V~26V			