



CAM80/160/384/640

CAM80/CAM160/CAM384/CAM640 have compact structure, small size and light weight which are a solid durable product with high sensitivity, clarity images, precise measurement and flexible operation features. It can meet the demand of non-contact temperature measurement, fast fault detection and thermal field analysis in the field of industrial, electrical, electronics and other industries.



Features:

CAM80/CAM160/CAM384/CAM640 have compact structure, small size and light weight which are a solid durable product with high sensitivity, clarity images, precise measurement and flexible operation features.

Specification				
	CAM80	CAN160	CAM384	CAM640
Imaging and optical data				
Field of view (FOV) / Minimum focus distance	17x17°/0.5m	29.8x22.6°/0.2m	24.6°x 18.6°/0.5m	24.6°x 19.8°/0.3m
Spatial resolution (IFOV)	3.78mrad	3.33mrad	1.14 mrad	0.45 mrad
Thermal sensitivity/NETD	< 0.1°C /100mK	< 0.08°C /80mK	< 0.05°C /50mK	< 0.05°C /50mK
Image frequency	50HZ			
Focus mode	Manual			
Focal length	9mm	7.5mm	22mm	38mm
Focal Plane Array (FPA) / Spectral range	Uncooled microbolometer / 8–14 μm			
IR resolution	80x80	160x120	384x288	640x480
Image presentation				
Image modes	IR image only			
Color palettes	IR image only			
Measurement				
Object temperature range	-20°C to +150°C (-4°F to +302°F) 0°C to +350°C (+32°F to +662°F)	-20°C to +150°C (-4°F to +302°F) 0°C to +400°C (+32°F to +752°F)		
Accuracy	±2°C (±3.6°F) or ±2% of reading			
Data communication interfaces				
Interfaces	USB, composite video			
USB	Remote contro			
Video out	Composite(PAL and NTSC)			
Ethernet type, connector type, video streaming				
Alarm output	2 relay output			
Power system				
Input voltage	DC 9V to 12V			
Options Lens				
11mm		20.6° x 15.5°		47.1°x 36.2°
22mm		10.4° x 7.8°		
33mm		6.9° x 5.2°		
38mm				14.4°x 10.8°