

C.A 1886**C.A 1888****DETECTOR SPECIFICATIONS**

Detector	160 x 120	384 x 288
Type	UFPA microbolometer, 8-14 microns	
Frequency	50 Hz*	
Sensitivity (NETD)	0.08 °C at 30 °C	0.05 °C at 30 °C

TEMPERATURE MEASUREMENT

Standard temp. range	-20 °C to +600 °C	
Temp. range with option	Up to 1,500 °C	
Accuracy	±(2 °C or 2 %)	

IMAGE PERFORMANCE

IR image	Yes	
Field of view	20° x 15°	24° x 18°
Spatial resolution	2.2 mrad	1.1 mrad
Min. focusing distance	10 cm	
Focusing	Manual	
Real image	Yes	
Min. focusing distance	10 cm	
IR-Merge	Complete IR-Merge functions IR image in real image from 0 to 100 %	
Image size	640 x 480 pixels	

OTHER FUNCTIONS

Emissivity correction	Yes	
Parameter settings	Emissivity (possibility of assigning different emissivity values according to the analytical tools used), environmental temperature, distance, relative humidity.	
Measurement tools	4 cursors: 3 manual cursors + 1 auto. Max/Min detection on adjustable area, isotherm, high/low alarm.	
Comments	Voice annotations (option)	
Storage	1,000 (radiometric format) + 250 folders	
Storage type	2 GB mini-SD Card	
Screen	3.5 inches, multidirectional	

GENERAL

Battery	Battery life: 3 hrs (continuous use)	
Battery recharging	External battery charger	
Protection	IP 54	