

Thermography



C.A 1886 infrared camera

- Large 3.5" multidirectional screen for easier reading
- Temperature up to 600 °C as standard
- Voice comments (option)
- MixVision mode
- RayCAM Report software for zone analysis (polygons or polylines) and temperature distribution studies on histograms.

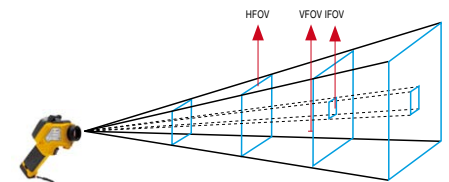
C.A 1886

Specifications

Detector	160 x 120, refresh rate: 50 Hz
Type	UFPA microbolometer, 8-14 microns
Sensitivity (NETD)	0.1 °C to 30 °C
Temperature	-20 °C to +600 °C (standard) up to 1,500 °C (option)
Accuracy	±2 °C or ±2%
Optics	Field of view: 20° x 15°, IFOV: 2.2 mrad Min. focusing distance: 10 cm
MixVision function	Complete IR-Merge functions IR image in real image from 0 to 100 %
Image size	640 x 480 pixels
Adjustment	Emissivity, environment temperature, distance, humidity
Measurement tools	3 manual cursors + 1 Max/Min detection on adjustable area, isotherm, High/Low alarm
Storage	1,000 radiometric images in 250 folders + 2 GB on mini-SD card
Power supply	Battery life: 3 hours (continuous use) External battery charger

Lens for RayCAM C.A 1886

Lens	IFOV spatial resolution	IFOV spatial resolution									
		0.1 m	0.3 m	0.5 m	1 m	2 m	10 m	30 m	100 m		
6.4° x 4.8° 3 x Telephoto lens	0.7 mrad	HFOV	0.01	0.03	0.05	0.11	0.22	1.11	3.35	11.18	
		VFOV	0.008	0.024	0.04	0.08	0.16	0.83	2.51	8.38	
		IFOV	0.07	0.21	0.34	0.69	1.39	6.98	20.96	69.88	
20° x 15° Standard lens	2.2 mrad	HFOV	0.03	0.10	0.17	0.35	0.70	3.52	10.57	35.26	
		VFOV	0.02	0.07	0.13	0.26	0.52	2.63	7.89	26.33	
		IFOV	0.22	0.66	1.10	2.20	4.40	22.04	66.12	220.40	
38° x 28.5° 0.5 x Wide-angle lens	4.4 mrad	HFOV	0.06	0.20	0.34	0.68	1.37	6.88	20.65	68.86	
		VFOV	0.05	0.15	0.25	0.50	1.01	5.07	15.23	50.79	
		IFOV	0.43	1.29	2.15	4.30	8.60	43.04	129.12	430.40	



HFOV: horizontal field of view (metres)
VFOV: vertical field of view (metres)
IFOV: spatial resolution (millimetres)

State at delivery

- Delivered in a case with 1 battery charger, 2 batteries, a 2 GB mini-SD card, 1 SD card reader, 1 video cable, RayCAM Report software and 1 measurement report



Accessories/Replacement parts

- Sun shade
 - Photo tripod adapter
 - Lens cap
 - USB cable
 - Battery
 - Battery charger
 - Mains power supply
 - In-vehicle adapter
 - Thermography training
- > P01651531
 - > P01651526
 - > P01651522
 - > P01295274
 - > P01296041
 - > P01296043
 - > P01651527
 - > HX0061
 - > Contact us

References to order

- > C.A 1886
 - > C.A 1886 high-temperature option 1,000 °C
 - > C.A 1886 high-temperature option 1,500 °C
 - > C.A 1886 Bluetooth
 - Others configurations
- > P01651260
 - > P01651261
 - > P01651262
 - > P01651263
 - > Contact us