

Thermography

C.A 1888 infrared camera

- 3.5" multidirectional screen for easier reading
- Temperature up to 600 °C as standard
- Matrix up to 384 x 288
- Voice comments (option)

C.A 1888

Specifications

Detector	384 x 288, refresh rate: 50 Hz
Type	UFPA microbolometer, 8-14 microns
Sensitivity (NETD)	0.08 °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: 24° x 18°, IFOV: 1.3 mrad Min. focusing distance: 10 cm
MixVision function	Merge function with adjustment of IR image percentage on 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 C.A 1888

Lens	IFOV spatial resolution		0.1 m	0.3 m	0.5 m	1 m	2 m	6 m	10 m	30 m	100 m
12° x 9° Telephoto lens	0.55 mrad	HFOV	0.02	0.06	0.11	0.21	0.42	1.27	2.11	6.34	21.12
		VFOV	0.02	0.05	0.08	0.16	0.32	0.95	1.58	4.75	15.84
		IFOV	0.055	0.17	0.28	0.55	1.10	3.30	5.50	16.50	55.00
24° x 18° Standard lens	1.3 mrad	HFOV	0.05	0.15	0.25	0.50	1.00	3.00	4.99	14.98	49.92
		VFOV	0.04	0.11	0.19	0.37	0.75	2.25	3.74	11.23	37.44
		IFOV	0.13	0.39	0.65	1.30	2.60	7.80	13.00	39.00	130.00
48° x 36° Wide-angle lens	2.2 mrad	HFOV	0.08	0.253	0.42	0.84	1.69	5.07	8.45	25.34	84.48
		VFOV	0.06	0.190	0.32	0.63	1.27	3.80	6.34	19.01	63.36
		IFOV	0.22	0.660	1.10	2.20	4.40	13.20	22.00	66.00	220.00

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 a measurement report



Accessories/Replacement parts

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

References to order

- > C.A 1888 > P01651270
- > C.A 1888 high-temperature option 1,000 °C > P01651271
- > C.A 1888 high-temperature option 1,500 °C > P01651272
- > C.A 1888 Bluetooth > P01651273
- Others configurations > Contact us