

CA 1900

For measuring body temperature in health situations



**Detect any fever with our simple, quick,
practical camera**

Ensure safety in your companies, office buildings,
production sites, public buildings, airports, railway
stations, shopping malls, etc.

ACCURACY: less than 0.5 °C

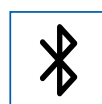
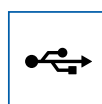
QUICK: instantaneous temperature detection

NO CONTACT: measurement from up to 1.5 metres away

VISUAL AND AUDIBLE WARNINGS: for any abnormally
high temperature

ALARMS: fixed threshold or threshold based on the
average of the people tested

PRACTICAL: tripod insert under the camera



- Designed to detect any individual with high body and skin temperature, the **CA 1900** infrared camera guarantees measurement with an **accuracy below 0.5 °C**.
- The distance of 1.5 metres between the operator and the person tested means **you are not exposed to any risk**.

- The tripod insert supplied as standard under the **CA 1900 camera** makes it easy to **set up quickly**, whatever your environment.
- Skin or body temperature:** you can adjust the value of the temperature measured to compensate the difference between the 2 types of temperature.

TECHNICAL SPECIFICATIONS

DETECTOR

Dimensions	160 x 120
Type	UFPA microbolometer, 8 ~14 µm
Frequency	9 Hz
Sensitivity (N.E.T.D.)	60 mK @ 30 °C (0.06 °C @ 30 °C)
Measurement fluctuation	< 0.02 °C (in adaptive alarm)

TEMPERATURE MEASUREMENT

Temperature range	+30 °C to +45 °C
Accuracy	± 0.5 °C @ 37 °C

THERMAL IMAGING PERFORMANCE

Field of view	38° x 28°
IFOV (spatial resolution)	4.1 mrad
Focusing	Fixed
Minimum focal distance	30 cm
Real image	Yes (320 x 240 pixels)
Display mode	Thermal image, real image

ANALYTICAL FUNCTIONS

Measurement tools	1 manual cursor + 1 for automatic hotspot detection + Isotherm
Alarms	<ul style="list-style-type: none"> Adaptive alarm based on a temperature difference in relation to the average of the temperatures measured (up to 6 people) Alarm on overrun of a temperature threshold set by the operator Visual and audible indications of overruns (via the Bluetooth earpiece supplied) Compatibility with hands-free kits and Bluetooth speakers (profiles supported: HSP, HFP)
Data storage	On a removable 2 GB micro-SD card (approx. 4,000 images), up to 32 GB possible
Image format	png (thermal and real images recorded simultaneously)

PRESENTATION OF THE IMAGE

Adjustment	Automatic or manual adjustment of the palette's min / max
Freezing of image	Animated or fixed image
Display of the images	Multiple palettes including the rainbow with high contrast or black and white
Screen	2.8 inches

POWER SUPPLY

Type	NiMH rechargeable batteries with low self-discharge
Recharging method	External (charger supplied)
Battery life	9 hours (in normal conditions of use)

ENVIRONMENTAL SPECIFICATIONS

Operating temperature	-15 °C to +50 °C (-4 °F to +122 °F)
Storage temperature range	-40 °C to +70 °C (-40 °F to +158 °F)
Humidity	10 % to 95 %
Compliance	EN 61326-1: 2006 / EN 61010-1 Ed. 2
Resistance to falls	2 metres on all surfaces
Shock resistance	25 G
Vibration resistance	2 G

PHYSICAL SPECIFICATIONS

Mass / dimensions	700 g with rechargeable batteries / 225 x 125 x 83 mm
Interfaces	<ul style="list-style-type: none"> USB link and Mass Storage function; the product is then recognized as a USB drive so that you can transfer the images easily Bluetooth for connectivity with earpiece
Mounting on tripod	Yes, 1/4" insert on the camera

GENERAL SPECIFICATIONS

Warranty	2 years
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STANDARD STATE AT DELIVERY

The **CA 1900 camera** is delivered in a site-proof case with 4 NiMH batteries and battery charger,
 1 micro SD HD card,
 1 USB cable,
 1 Bluetooth earpiece,
 1 test report,
 1 quick start guide



TO ORDER

CA 1900 thermal camera for measuring body temperature.....**P01651902**
 Mains adapter..... **P01651533**