

PRESS Release



Type of product : Thermal camera

Product name : **C.A 1954**

C.A 1954 DiaCAm2

Concentrated advantages in the latest 100%-French thermal camera from Chauvin Arnoux®

After the success of its C.A 1950 thermal camera, Chauvin Arnoux is commercializing a new camera, the **DiaCAm2** C.A 1954, with even more advantages. It retains the ergonomics specially designed for optimum grip with direct access to the functions, even when working one-handed, the start-up in just 3 seconds and **the exceptional 9-hour battery life in continuous use**. It also offers a host of additional advantages, however.

Concentrated intelligence!

The C.A 1954 DiaCAm2 is perfectly balanced, whether placed on a table or held in the hand. The display on a wide 2.8-inch screen with automatic brightness adjustment ensures that it can be read comfortably. The field of view is 38° x 28° and the camera is focus-free. The lens is protected by a slide-down cover built into the instrument, so that it cannot be lost and does not get in the way when you work. Contextual help guides users step-by-step, thus limiting the risk of errors.

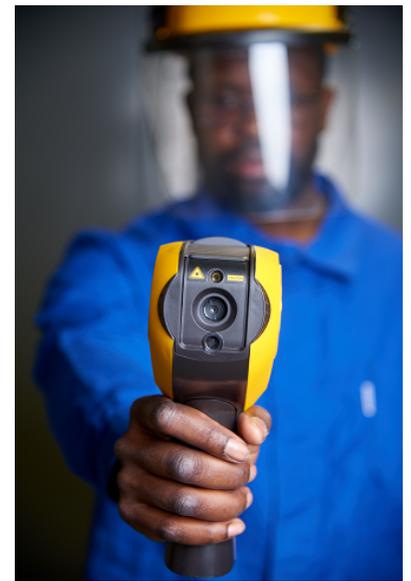
Particularly rugged, with IP54 ingress protection, the camera can withstand falls from 2 metres (laboratory tests).

Concentrated measurement!

The C.A 1954 is a **communicating camera** which simultaneously recovers the measurements from other instruments such as current clamps, multimeters, thermometers, thermo-hygrometers, etc., **via Bluetooth**.

In this way, users can link the thermograms from the camera to the data from measurements made simultaneously with other measuring instruments. This involves values such as:

- the dew point,
- the humidity,
- the ambient temperature,
- the current, etc.



The integrated emissivity table can be enhanced as required. It is possible to rename the images and thermograms by site and record voice comments for easier follow-up. The C.A 1954 has a memory capacity of nearly 4,000 images on the 2 GB removable μ SD card supplied which can easily be replaced with a 32 GB card.

Concentrated applications!

The C.A 1954 is ideal for all applications in the building industry and for electrical and mechanical maintenance:

- thermal audits,
- fault detection (thermal bridges, seepage, presence of humidity),
- electrical maintenance: detection of faulty contacts, unbalance, etc.
- mechanical maintenance: detection of wear points, engine overheating, lubrication problems, etc.

In industrial maintenance, **linking thermograms and current measurements** enables you to find out the load level at the time of measurement, facilitating **identification** of the fault and assessment of its **criticality**.

In buildings, the **isotherm coupled with the dew point value** can be used to detect areas at risk from mould.

It is possible to record and store the configurations for the different applications (building, electrical cabinet, etc.), thus saving extra time.

The **CAMReport® software**, supplied free of charge, can be used to **create automatic reports** which can be exported in Word or PDF format. This simplifies printing and archiving.

The C.A 1954 is delivered ready to use in a site-proof casing with all its accessories, including the Bluetooth earpiece. It complies with the environmental protection and part recycling specifications of the Chauvin Arnoux Group's "Eco-Conception" eco-design label.



Technical specifications

- Detector 160 x 120 type UFPA microbolometer, 8 ~14 µm
- NETD : 0.08 °C
- IFOV (spatial resolution) 4.1 mrad
- Temperature range -20 °C to +250 °C
- Display mode : Thermal image, real image with automatic parallax compensation. Image merging available with PC software
- Measuring tools : 1 manual cursor + 1 automatic detection + Min Max Avg on adjustable area + temperature profile + isotherm
- Parameter settings : Emissivity, environmental temperature, distance, relative humidity
- Storage on 2 GB micro SD card (approx. 4,000 images) Exchangeable up to 32 GB
- Ingress protection IP 54
- Weight / Dimensions 700 g with rechargeable batteries / 225 x 125 x 83 mm