

# Thermographic analysis software equipped with Artificial Intelligence



**Harness the power  
of Artificial Intelligence  
in your reports!**

- Analyses, observations and recommendations generated automatically in just one click
- Back up your analyses with AI specifically trained to identify thermal defects
- Wide range of applications
- Automated reports: direct exports to PDF or Word (.docx)

# ARTIFICIAL INTELLIGENCE FUNCTION

## Simplicity, precision and speed to optimise your analyses

CAMReport AI is Chauvin Arnoux's thermographic analysis software incorporating specialised artificial intelligence. It assists you in interpreting thermal images and automatically generates observations and recommendations, ready to be included in your reports.

The screenshot displays the CAMReport AI software interface. On the left is an 'Inspection report' form with fields for 'Inspection name', 'Operator', 'Location', 'Date taken' (15/02/2018 10:30), and 'Equipment'. Below these are 'Comments', 'Recommendations', and 'Repair priority' (set to 'Repair Priority Minor - 5'). A blue button at the bottom of the form says 'Generate with AI' and '4000/4000'. The main area shows 'Images' (three thumbnails: 20180215\_103012..., 20180215\_103012..., and Merged image), 'Graphics' (two charts: 'Graph of distribution of L0' and 'Histogram of R0'), and a 'Data' table.

Image properties	Value
Image name	20180215_103012_IR.png
Minimum temperature	16.0 °C
Maximum temperature	53.2 °C
Average temperature	22.6 °C
Emissivity	0.850
Humidity	55.0 %
Reflected environmental temperature	25.0 °C
Distance	2.00 m

## HOW DOES CAMREPORT AI WORK?

CAMReport AI uses artificial intelligence to assist users in analysing thermal images.

Its aim is to provide accurate observations and tailored recommendations based on AI analysis, thereby significantly improving speed and efficiency.

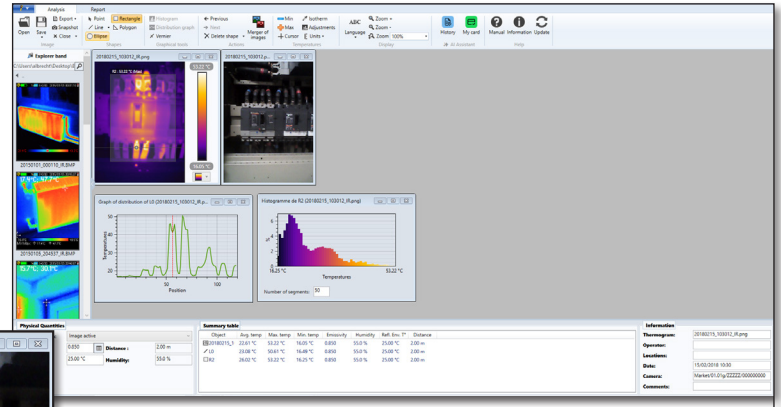
CAMReport AI integrates artificial intelligence into thermal analysis.

The screenshot shows the 'AI-assisted report creation' dialog box. It contains 'Analyzed images' (two thumbnails: 20171030\_092659\_IR.png and 20171030\_092659.png), 'Comments' (a paragraph of text), 'Recommendations' (a paragraph of text), and 'Repair priority' (set to 'Repair Priority Minor - 5'). A 'Balance debited' field shows '0'. At the bottom, there are checkboxes for 'Auto-fill inspection fields' and 'Approve the analysis', and a blue 'Approve the analysis' button.

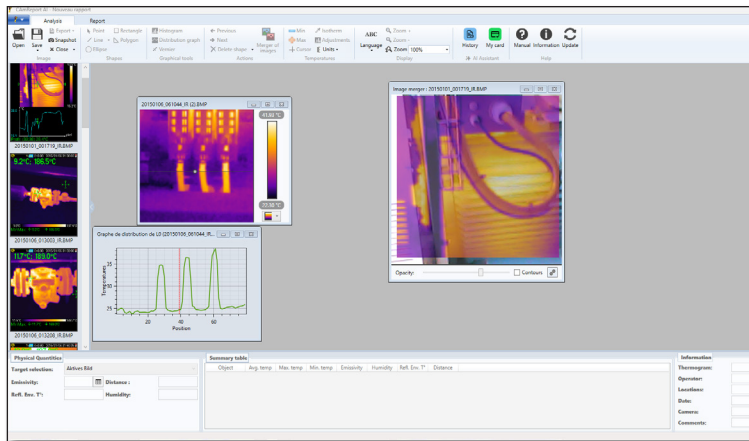
# PROCEED TO AUGMENTED THERMOGRAPHIC ANALYSIS

## COMPREHENSIVE THERMOGRAPHIC ANALYSIS SOFTWARE

- Advanced thermogram analysis
- Cursors, profiles, zones, polygons
- Customisable isotherms and palettes
- Thermal image/real image fusion
- Voice comment retrieval
- Integration of connected measurements



Everything you need, in a simple and intuitive interface.



## PROFESSIONAL AND AUTOMATIC REPORTS

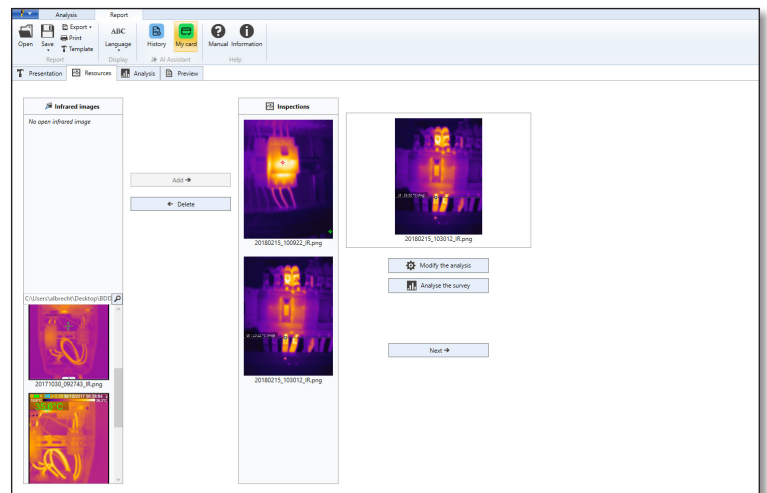
In just three steps, CAmReport AI generates reports that are:

- Clear,
- Consistent,
- Professional,
- Ready to use.

Export to PDF or Word

## ALL YOUR APPLICATIONS, ONE SOLUTION

- **Electrical & mechanical maintenance**  
Overheating, imbalances, wear and tear, mechanical faults
- **Photovoltaics**  
Defective cells, preventive maintenance
- **Building & property diagnostics**  
Insulation, thermal bridges, leaks, damp
- **Climate engineering**  
Underfloor heating, heating elements, valves
- **Industry & processes**  
Insulation, quality control, processes



## PRESENTATION OF THE PACKS

### CAmReport AI software Free download from the Chauvin Arnoux website [www.chauvin-arnoux.com](http://www.chauvin-arnoux.com)

	TRIAL VERSION	STARTER PACK	PRO PACK
Subscription	Free of charge	Reference: P01102217 <i>Simple activation by code after ordering</i>	Reference: P01102218 <i>Simple activation by code after ordering</i>
	10 free AI analyses Free CAmReport software (without AI)	1,000 AI analyses Expires after 12 months from the first analysis	4,000 AI analyses Expires after 12 months from the first analysis
Mode multi-utilisateurs	Yes The software and activation code can be installed and used on multiple computers.		

### Features of CAmReport AI software

ANALYSIS TAB	
Measuring tools	Thermogram analysis using the following tools: <ul style="list-style-type: none"> <li>• Cursors (automatic display of the temperature at the selected point).</li> <li>• Thermal profile (automatic display of the Min/Max/Avg temperatures of the line).</li> <li>• A square or circle for zone analysis</li> <li>• Results tables automatically and quickly display all the information/analysis tools for the thermogram.</li> <li>• Polygons and polylines for more precise analysis of certain areas of the thermogram.</li> </ul>
Influential factors	<ul style="list-style-type: none"> <li>• Emissivity (standard emissivity table that can be expanded by the user)</li> <li>• Reflected temperature</li> <li>• Distance</li> <li>• Relative humidity</li> </ul>
Features	<ul style="list-style-type: none"> <li>• Numerous palettes</li> <li>• Isotherms for highlighting anomalies above temperature thresholds</li> <li>• Retrieval of secondary measurements from instruments, clamps and climate measurement devices</li> <li>• Retrieval of comments recorded on the camera</li> </ul>
REPORT TAB	
Creation	Creation of automated reports in 3 steps, exportable to Word or PDF format
AI analysis	The AI assistant analyses the equipment and automatically fills in observations and recommendations from your image, saving you valuable time.
Available languages	<b>Multilingual</b> - 15 languages including French, English, German, Spanish, Italian, Dutch, Polish, Romanian, Czech, Simplified Chinese, Portuguese, Swedish, Finnish, Turkish, Korean
Compatibility	Operating systems: Windows 11 Compatible camera models: Chauvin Arnoux CA 1950 & CA 1954
Additional information	The intelligent fault analysis assistant requires an internet connection. <b>IMPORTANT:</b> results generated by AI may contain errors and require verification before being included in the report.

AI = Artificial Intelligence

### TO ORDER

CAmReport AI intelligent software | Starter Pack.....P01102217  
 CAmReport AI intelligent software | Pro Pack.....P01102218  
 CA 1954 thermal camera.....P01651904



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