DTC-W

Die Thermal Control Wireless

WIRELESS THERMOGRAPHIC SYSTEM FOR ROBOTS

INPROTEC-IRT Srl

via Bizet, 44
Cinisello Balsamo (MI)

infrared@inprotec-irt.it

support@inprotec-irt.it

+39 **02 66 59 59 77**

WWW.INPROTEC-IRT.IT

INNOVATION IN THERMOGRAPHIC CONTROL OF MOULDS

AUTOMATIC AND EFFECTIVE THERMOGRAPHIC (TEMPERATURE) CONTROL

Active in the HPDC sector for years, **INPROTEC IRT** has developed the **DTC (Die Thermal Control) system**, an advanced solution for the **continuous monitoring of moulds surface temperature**.
Today the company is expanding its product range with **DTC-W (Die Thermal Control-Wireless)**: a simple and intuitive thermographic system, that automates the **control of moulds surface temperature, currently carried out with portable thermal imaging cameras**.

The **DTC-W** is an **automatic monitoring system for periodic control** or operator-required checks:

- Elimination of manual thermographic mould inspection by operator with portable thermal imaging camera.
- Thermographic control without having to open the DCM as is the case with portable thermal imaging camera.

Main advantages are:

- Scheduled thermographic mould inspection.
- Identification of critical issues for quality control.
- Periodic image saving for quality reports.

SPECIAL HOUSINGS FOR THERMAL IMAGING CAMERAS

Special housing with battery internal power supply for thermal imaging camera and devices, wireless data and image communication to PC console, internal cooling fans with air intakes.

FLIR THERMAL IMAGING CAMERAS

AVAILABLE IN 4 MODELS

FLIR A50: Medium resolution version, manual focus, 464 x 348 pixels (161,472 temperature points), multiple lenses available with different FOV (Field Of View)

FLIR A500: Medium resolution version, Autofocus and motorized focus, 464 x 348 pixels (161,472 temperature points), interchangeable lenses with different FOV (Field Of View)

FLIR A70: High- resolution sensor, manual focus, 640 x 480 pixels (307,200 temperature points), multiple lenses available with different FOV (Field Of View)

FLIR A700: High- resolution sensor, Autofocus and motorized focus, 640 x 480 pixels (307,200 temperature points), interchangeable lenses available with different FOV (Field Of View)