

Argus®3 thermal imaging camera

e2v

e2v technologies



Argus® — Trademark licensed from Argus Industries Inc.

Argus®3 – the world's most advanced thermal imaging camera:

- Multiple ergonomic configurations
- Capture and download images
- 8 screen color settings
- x2 zoom
- Choice of 3 sensors

Helping to revolutionize firefighting techniques with the world's first thermal imaging camera designed exclusively to meet the needs of a firefighter, e2v technologies' track record in providing leading edge solutions in this field is second to none!





e2v technologies pioneered the first thermal imager dedicated, at the time, to naval firefighters across the globe. The camera enabled fire personnel to see clearly for the first time through the thickest smoke to locate casualties and detect the seat of a fire. The first Argus® branded imager followed in the mid 1990s, designed with the civil firefighting market in mind. This was superseded by Argus®2, a technology solution lower in weight, offering improved solid-state image quality and general product reliability.

Following two decades of experience in the field of thermal imaging, e2v technologies has now launched Argus®3 – the most advanced firefighting and rescue camera in the world. Building on

the achievements of its predecessors and incorporating significant user input, the Argus®3 is a revolutionary thermal imaging camera hosting several unique new features within an award winning camera body. This product sets new standards for performance, durability, flexibility and ergonomic design.

THE WORLD'S MOST ADVANCED THERMAL IMAGING CAMERA

Argus®3 suits multiple applications. The camera of choice as a firefighting and rescue tool, it saves vital seconds in scene assessment, sourcing the fire and locating and evacuating casualties from burning buildings, ships and planes. It also functions as a maintenance and engineering instrument, monitoring motors, pipe work and distribution panels for potentially hazardous hotspots.

Argus®3 – Sets standards and increases efficiency

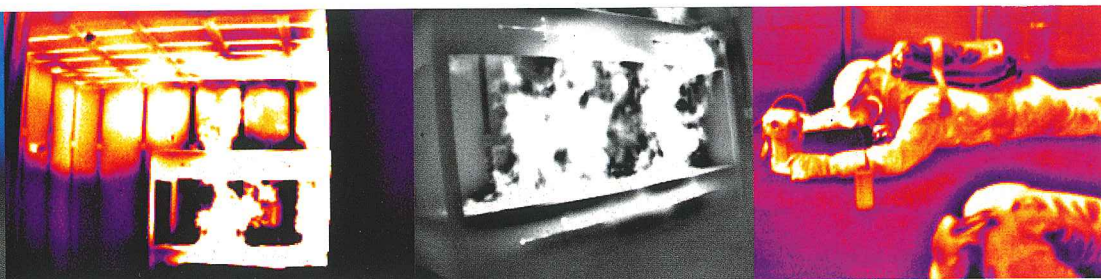
APPLICATIONS

Argus®3 withstands heat, water and impact, and is composed of materials chosen for their strength and durability. A unique design philosophy and rugged construction make Argus®3 an essential tool for firefighting and other applications:

- Assessing the fire scene
- Search and rescue
- Capturing vital forensic detail before it is destroyed
- Identifying the source and spread of fire
- Detecting hidden fires in cavity walls, floor and ceiling voids
- Training and assessing firefighting techniques
- Navigating through smoke filled premises
- Detecting the source of potential fires in
 - Wires and junction boxes
 - Motors -Distribution Panels
 - Gearboxes -Bus bars
- Examining hazardous or flammable storage containers.

www.argusdirect.com

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Innovation and customer support

Engineers at e2v technologies have optimized their skills and understanding through years of experience and close strategic partnerships with customers. Our teams are supported by the latest software tools for simulation, thermal management, stress modelling and design optimization. Our experienced manufacturing and customer support teams are geared up to meet the needs of a demanding customer base.

Partnerships - Future technology innovation

Strong links with a number of Universities have resulted in industrial collaboration in several specialized research projects for e2v technologies. Our mixture of innovative design and production philosophies is managed with an emphasis on ideas integration. This enables e2v technologies to successfully blend novel design features with proven cost-effective manufacturing techniques. We are continuously seeking opportunities to work with our customers in the challenge of developing new applications and products.

Argus®3

adding value to the future

Argus®3 offers a choice of three solid-state detector cores – Barium Strontium Titanate (BST), Amorphous Silicon (ASi – microbolometer)* and Vanadium Oxide (VOx – microbolometer)*. All Argus®3 accessories complement each camera variant; all features and options are available on all cameras. The customer simply decides which camera core they require and which features they wish to select.

To customize your camera:

- **Visit our website:**
www.argusdirect.com
- **Design your camera**
- **Get a personalized quote from a member of our sales team or one of our distributors.**
- **Alternatively, contact your nearest sales office on the number listed at the back of this brochure.**

**Do you have an idea for the future?
Then let us be your technology partner!**

*Some export restrictions may apply. Please contact e2v technologies for further information.



UNIQUE FEATURES AND OPTIONS

Standard features are:

- Choice of sensors: BST, VOx, ASi – Enables the user to choose the sensor that fits their requirements and budget*
- 4-inch (100mm) color LCD display: 8 color settings allow the user to set their own preference
- No white-out
- Image capture: Capture and store up to 26 images for later download to a computer
- x2 digital zoom facility: For clearer scene assessment
- Ambient temperature measurement: Celsius or Fahrenheit
- Time and date: On-screen time and date for recording training and incident reporting
- On-screen graphics: Show battery status, transmitter status and channel, and camera condition.
- Display personalisation: Users can upload their own company or brigade logo for improved asset tracking
- Automatic iris: No additional control required
- Advanced thermal management

Standard accessories are:

- Remote control: Enables stand alone set-up of all display features
- Rechargeable battery packs: A charger and 2 Ni-MH rechargeable batteries are supplied as standard. One AA standby battery pack is also included
- Side straps fitted to camera, rigid handles also supplied
- Neck strap
- User manual
- End-user software (CD ROM)
- Camera to PC connection lead
- Rugged, waterproof carry case
- Visor / sunshield

Argus®3 optional extras include:

- Spot temperature measurement: Enables customers to identify and measure heat source temperature, aiding fire scene assessment.
- Telemetry: Transmitter and receiver modules enable live video to be viewed remotely, assisting command and control.
- Telemetry case including receiver and screen
- Primary battery pack
- Storage mount: On-truck storage unit for camera, batteries and charger, for quick access and on-vehicle charging.

For more information visit our website www.argusdirect.com

Warranties – Your peace of Mind e2v technologies offers a comprehensive after-sales package with the Argus® portfolio of products. A two-year warranty is offered as standard with Argus®3, with an option to extend this to five years.

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