

Argus™ 4 HR320

Argus™ 4 is the latest generation of Argus™ Thermal Imaging Camera (TIC0 from e2v technologies).

The Argus™ 4 has been designed with digital imaging technology for a sharper picture and uses the highly successful Amorphous Silicon (ASi) Microbolometer Detector that is used by many of the world's fire brigades.

New to the Argus range, the Argus™ 4 HR320 thermal imaging camera comes packed with more advanced features than any other TIC

With 30 years experience designing thermal imaging cameras for firefighters. Give your team the best equipment for the job.

CAMERA FEATURES

The Argus™ 4 HR320 comes with the most advanced features available in any Thermal Imaging Camera.

These include:

- High resolution 320 x 240 pixels, Amorphous Silicon (ASi) Microbolometer Detector. Designed using advanced digital imaging technology for a sharper picture and provides superior performance.
- Enhanced Dynamic Scene Colourisation (EDSC) colourises the thermal image to allow the fire fighter to pinpoint the hottest areas within the fire scene. With the Argus™ 4 HR320 the dynamic scene colourisation has been enhanced to give the user greater information.
- Direct Temperature Measurement (DTM) displays the temperature of objects within a defined area of the thermal scene.
- SceneSave™ Digital Image Capture – the Argus™ 4 HR320 can capture and store up to 100 images. These can then be viewed or deleted using the remote control supplied. Using the software provided, the captured images can be downloaded to a suitable laptop/PC and exported in various formats.
- Tri-Mode Sensitivity – the Argus™ 4 HR320 now has an expanded third level of sensitivity for very high scene temperatures to enable clear imagery at all temperatures. This expanded temperature range means that temperatures in excess of 1000OC can be viewed.
- Customisable Start-Up Screen – Brigade logos or station names can be added to the start-up screen for asset tracking and/or personalisation of the camera.
- Ambient Temperature Measurements – A sensor fitted to the front of the camera, which measures the ambient temperature of the local environment. The temperature is displayed on the viewing screen.

- X4 Zoom – Allows the user to further zoom in on the scene, from a distance, for improved investigation and identification of hot spots and dangers.
- Time and Date – The time and date is displayed at the top of the viewing screen.
- Remote Control – The Argus™ 4 HR320 is supplied with a remote control that allows the end user to adjust LCD settings, set the dynamic scene colourisation and set the time and date. Stored images can be reviewed and deleted.

Power for the Argus™ 4 HR320 is provided by an integral battery pack located on the top of the camera.

The camera has a single on/off button with a delayed off operation to prevent accidental power-down during use.

The camera will display a start-up screen until a useable thermal image is provided.

The Argus™ 4 HR320 is constructed from high quality RadelÒR-5100, which has been chosen for its strength, resistance to heat, water and impact.

Protection from shock is provided by a combination of rugged components, optimum mechanical design and protective bumpers.

The camera is sealed to allow short-term total immersion in water (IP67).

The camera is supplied with side straps and a removable handle, which provides flexible operation and transfer between users.

No end-user maintenance is required other than recharging of batteries and post-use external cleaning with a soft cloth.

The Argus™ 4 HR320 offers the same simple-to-operate configuration of the standard Argus™ 4.

It is robust, self-contained camera, with fully automatic operation with no control or adjustment required in use.



CAMERA STANDARD ACCESSORIES

The Argus™ 4 HR320 comes with the following standard accessories:

- Handle
- Soft carry case
- Side straps
- Remote control
- Two rechargeable battery packs
- Battery charger with mains plug (US, UK, Europe)
- Neck strap
- USB Connection Lead for PC/Laptop
- User manual
- End-user software

WARRANTY AND SUPPORT

- The camera is supplied with a 24 month warranty as standard
- Warranty can be extended for up to an additional 3 years at the time of purchase
- e2v will attempt to repair any camera within 48 hours of receipt at one of their service centres worldwide.

OPTIONAL CAMERA ACCESSORIES

The Argus™ 4 HR320 has a complimentary range of accessories.

These are

- Truck Storage Mount and Battery Charger – provides secure storage with instant access for the camera and charging facilities for the battery pack.
- Transmitter Battery Pack – Allows the transmission of the thermal image from the camera to other personnel outside the fire incident via a radio link.
- Receiver Station and Kit – The receiver station is a PC based system that allows the viewing of the thermal image transmitted from the camera. The receiver station is available as a complete solution (PC and receiving card antenna) or as a kit (receiving card and antenna).
- External Power and Video Adapter – A module to replace the battery pack to allow live digital video to be viewed and the camera externally powered.
- Hard Carry Case – An alternative to the soft carry case can be supplied with the camera or as an after sales part.
 - Mounting Bracket – The mounting bracket provides a solution for the permanent fixing of the camera to any flat surface.

Further detailed information on this product is available upon request.

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