

www.argusdirect.com

argus[®] 4
HR 320



The HR320 has a high definition detector for a superior quality image.

e2v

Argus thermal imaging cameras are designed to the highest specifications to instil confidence in emergency services personnel as they tackle dangerous situations to rescue life and property. They allow firefighters to see through smoke, identify and rescue casualties and locate hot spots or the seat and spread of a fire.

The Argus4 HR320 has been designed using advanced digital imaging technology for the ultimate in sharp picture quality. It also includes an assortment of innovative features designed to help firefighters save lives and property.

Argus4 HR320 features include:

- › **High resolution, 320 x 240 pixel, Amorphous Silicon (ASi) Microbolometer detector, plus high definition LCD screen**
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 Argus4 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 Argus4 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 Argus4 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 1000°C 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 measurement**
A sensor is fitted to the front of the camera, which measures the ambient temperature of the local environment. The temperature is displayed on the viewing screen.
- › **x2 and 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 Argus4 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.
- › **Weight**
1.2kg (2.6lbs) without battery and handle.
- › **Size without handle**
130mm x 185mm x 185mm (5.1 x 7.2 x 7.2 inch).
- › **Fast 5 second start up time**

A detailed explanation of all these features can be found on the Argus website or in our main Argus brochure.

Power for the Argus4 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 usable thermal image is produced.

All Argus4 cameras are constructed from high quality Radel® R-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).

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

For a detailed specification of the Argus4 HR320, please go to our website and view or download the Argus4 HR320 datasheet.

The Argus4 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.

Argus4 HR320 order reference – P7130

Other cameras in the range	Short description	Order code
Argus4	Standard Argus4	P7030
Argus4 LITE	Low cost solution	P7030/LT
Argus4 LITE + DSC Option	Low cost solution	P7030/LT/C
Argus4 LITE + DTM Option	Low cost solution	P7030/LT/S
Argus4 LITE + DSC + DTM Option	Low cost solution	P7030/LT/SC

All Argus cameras can be supplied in a hard waterproof case. Ask your sales contact for details.

Optional accessories	Order code
Truck storage mount and battery charger	P7030TSMBC
Transmitter battery pack	P7030TX
Receiver station and kit	P7030RRS and P7030RKT
External power and video adaptor	P7030EPVA
Hard carry case	P7030HC
Mounting bracket	P7030MB
Retractable lanyard	P7030RL

For additional information on optional accessories, please see the Argus accessories brochure or simply visit the Argus website www.argusdirect.com

A range of spares are also available and can be viewed on the Argus website.





**European Regional
Sales Office**

e2v ltd
106 Waterhouse Lane
Chelmsford
Essex, CM1 2QU
England
T +44 (0)1245 493493
F +44 (0)1245 492492
E-mail: argus.enquiries@e2v.com

**European Regional
Sales Office**

e2v sas
16 Burospace
F-91 572 Bievres
Cedex
France
T +33 (0)1 6019 5500
F +33 (0)1 6019 5529
E-mail: argus.enquiries-fr@e2v.com

Americas

e2v inc
4 Westchester Plaza
Elmsford
NY 10523-1482
USA
T +1 (914) 592 6050 or
T +1-800-342-5338
F +1 914 592 5148
E-mail: argus.enquiries-na@e2v.com

Asia Pacific

e2v
11/F
Onfem Tower
29 Wyndham Street
Central
Hong Kong
T +852 3679 364 8/9
F +852 3583 1084
E-mail: argus.enquiries-ap@e2v.com

If you wish to get in touch with a sales representative please contact your local Argus sales office or official distributor.



Argus Thermal Imaging.
It won't let you down when you need it most.

e2v