



- · Analog Rad Tolerant camera
- 40x Optical Zoom
- Fixed, small and lightweight
- Gamma radiation tolerant
- CMOS color sensor (equivalent to 934x582 pixel)
- Auto Focus
- · Auto/Manual Iris
- RS-485 / Pelco D protocol
- Coax and 2-wire video output
- IP 65 rating
- Max temperature range 60°C / 140°F
- Trouble-free installation and service
- Option: Laser pointer
- · Option: Base mounting

RADCAM Æsir®

ISEC'S NEWLY DEVELOPED ANALOG CAMERA FOR RADIOACTIVE AREAS WITH 40x OPTICAL ZOOM MADE FOR ANALOG INFRASTRUCTURE





Contact information:

E-mail: info@isec.se Phone: +46 42 334 800 WWW.isec.se

BRINGING ANALOG SYSTEMS TO THE NEXT LEVEL

The RADCAM Aesir is ISEC's newest addition to the RADCAM family of cameras based on market request. This unique analog radiation hardened camera is specially designed for existing nuclear analog systems and with 40x ontical zoom canabilities.

Its development is a direct response to the ever increasing customer demand for high-quality, radiation tolerant cameras that can be deployed quickly and hasslefree in existing infrastructures Thanks to its special design and versatile connectivity, RADCAM Aesir will integrate flawlessly in any existing analog infrastructure providing operators a stress free upgrade of existing video monitoring system.

The RADCAM Aesir is the first of a new generation of radiation tolerant cameras which sets a new standard in easy deployment, radiation shielding and image quality.





Sensor size Image sensor size Image sensor

Min illumination/light sensitivity

Video

Max video resolution

Max frames per second

Zoom lens

Focal length Angle of view Aperture (F)

Iris Auto/manual

Focus

Optical zoom

Radiation

Gamma Radiation Tolerance (min)
Gamma Radiation Dose Rate (min)

Communication interface

Data communication protocol Video communication Connector (x1)

Video

Video communication
Connector (x1)

Mains connector

Voltage
Power
Connector (x1)

General

Size (mm) Weight

Operational temperature °C

Humidity
Vibration
Pressure
IP rating

934x582 pixel

1/4-type Super HAD CCD II

CMOS

0.6 lux at F1.6, 1/50s and 50 IRE

PAL 50

3 - 122 mm

Wide: 60° Tele: 1.6°

1.6-4.6

Auto 40 x

1000 Gray 100 Gray/h

RS-485 / Pelco D protocol Balanced video (2-wire) 6-pin connector (IP65)

Video coax BNC

24V DC 24W (max)

4-pin connector (IP65)

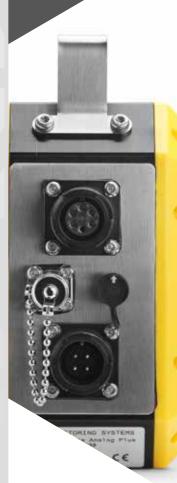
H: 174 mm L: 169 mm W: 106 mm

2.4 kg -25 to 60°C

1 - 100%, non condensing

2 – 9 Hz 1.5mm, 9 – 200 Hz acc. 5m/s² 5 Bar (75 psi) above normal atm. pressure

IP65





MONITORING SYSTEMS

ISEC Monitoring Systems AB
Diabasgatan 12
SE-254 68 Helsingborg
SWEDEN
SB: +46 42 334 800
www.isec.se