"Lightweight and fully portable"

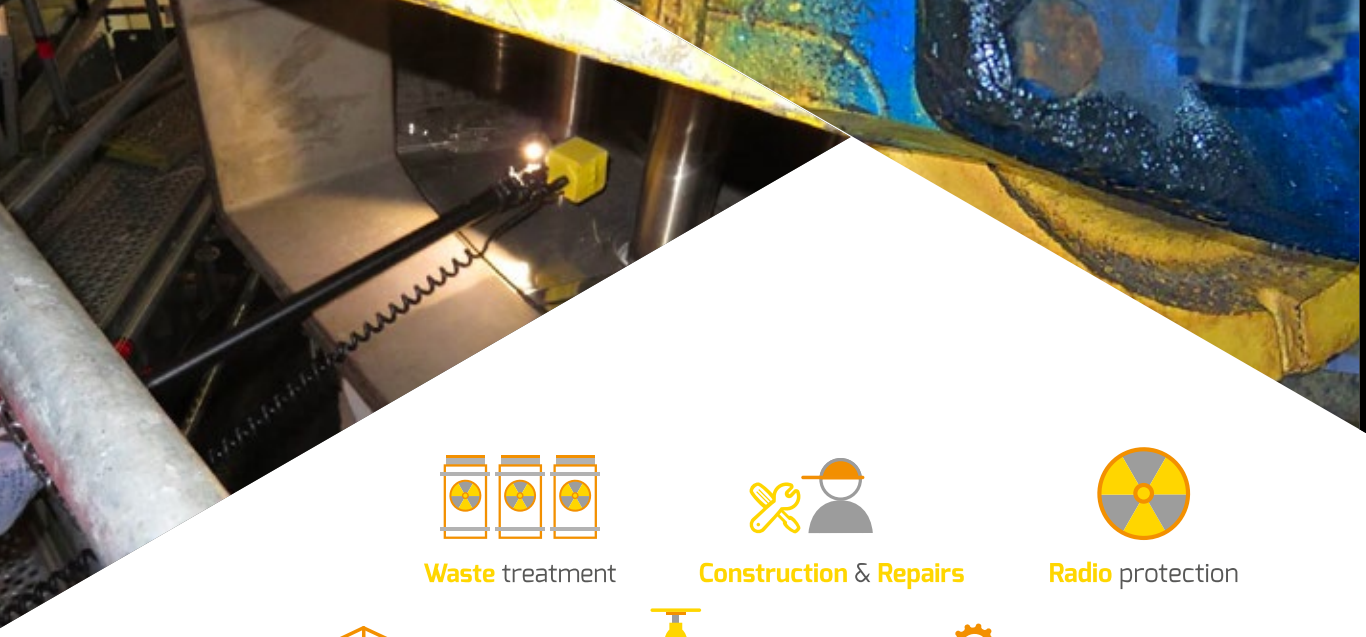
"View areas that are out of reach"

"For use in various application areas"

RADCAM® Loki

Radiation tolerant inspection camera platform. Designed to allow the operator to view areas that are normally out of reach.

ISEC MONITORING SYSTEMS



Waste treatment

Construction & Repairs

Radio protection

Civil structures

Process systems

Mechanical systems

Electrical systems

Reaching new heights with Loki

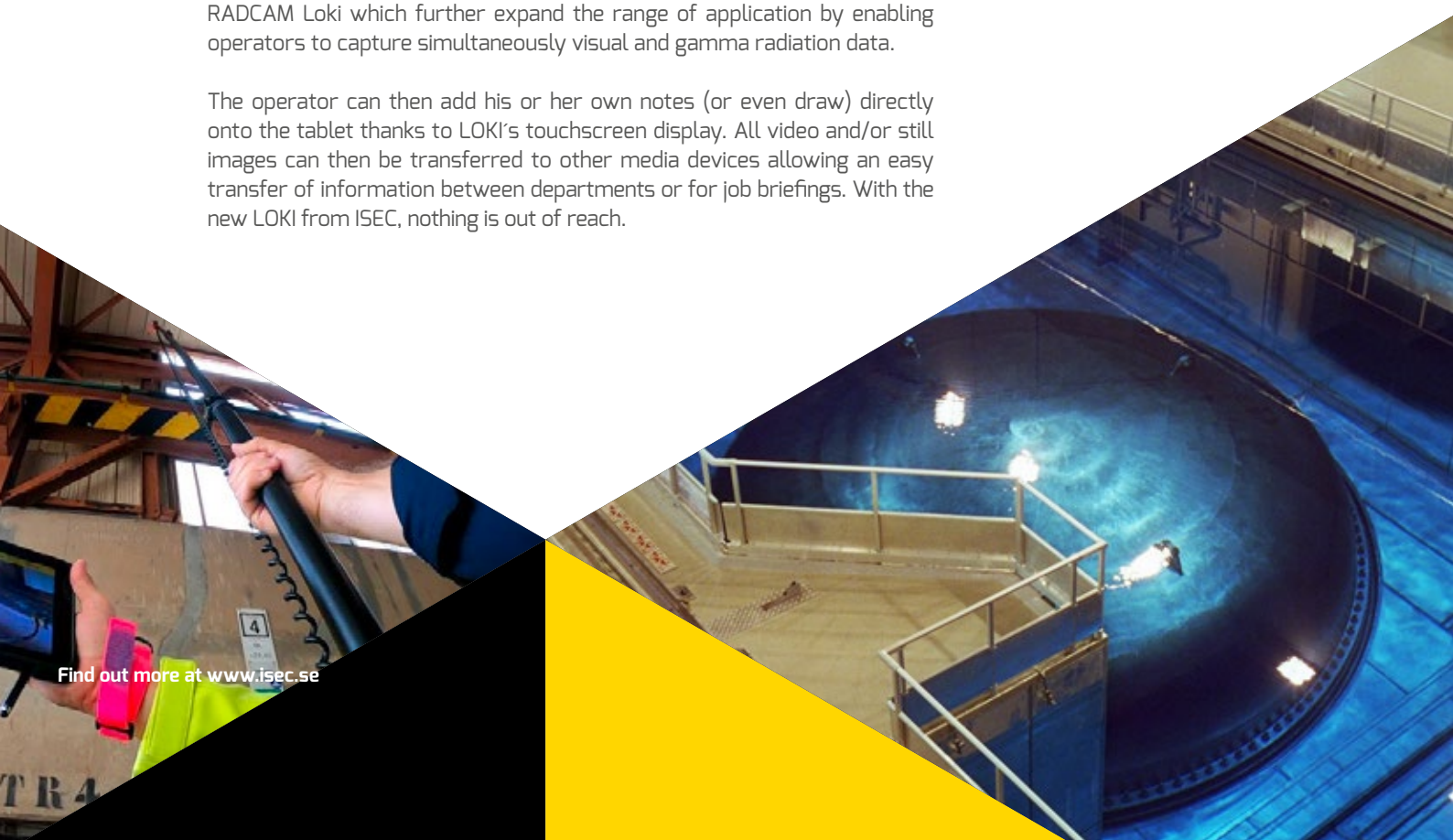
RADCAM® Loki is ISEC's newest radiation tolerant inspection camera system, which is designed to allow the operator to view areas that are normally out of reach without having to erect scaffolding.

This is done by incorporating a pole that is extendable up to 6 meters (20 ft) as well as adding tilt functionality to the camera head via its tilt motor. The on-board display tablet allows the operator to view and record live video in HD.

Gamma dose rate measurement probe can also be modularly added to the RADCAM Loki which further expand the range of application by enabling operators to capture simultaneously visual and gamma radiation data.

The operator can then add his or her own notes (or even draw) directly onto the tablet thanks to LOKI's touchscreen display. All video and/or still images can then be transferred to other media devices allowing an easy transfer of information between departments or for job briefings. With the new LOKI from ISEC, nothing is out of reach.

Strengthen	ALARA
Increase	SAFETY
Reduce	COSTS
Save	TIME

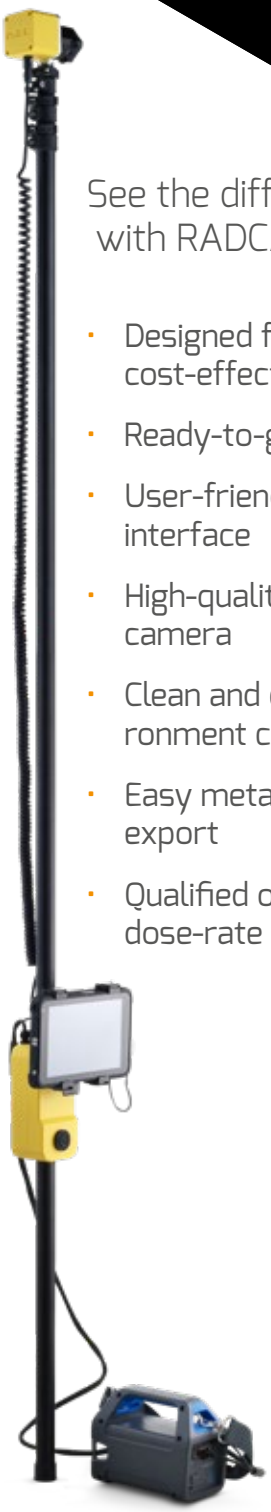


Find out more at www.isec.se

RADCAM® Loki

See the difference with RADCAM® Loki

- Designed for safe, efficient and cost-effective inspections
- Ready-to-go inspection tool
- User-friendly and intuitive interface
- High-quality radiation tolerant camera
- Clean and contaminated environment compatible
- Easy metadata generation and export
- Qualified optional gamma dose-rate measurement



Simplicity

- Easily extendable pole
- Suitable for all inspections
- Easy media transfer
- User-friendly documentation management software

Excellence

- 180° view, HDTV 720P camera
- LED lights for perfect viewing in dark places
- Lightweight, 2.5 Kg, design
- Industrial grade tablet

Endurance

- Gamma Radiation tolerant
- 6 hours continuous operation
- Robust construction
- Contamination protection accessories

RADCAM® Loki

TECHNICAL SPECIFICATIONS

Camera	
Sensor	1/4" CMOS color sensor - HD (1280x720p)
Minimum lighting	0.5 Lux @ F2.5
Optical zoom	No
Digital zoom	Yes
Angle of view	45°
Focus / Iris	Manual / fixed
Physical features	
Pan camera head	Tilt – 180° view
Lamps	2 LED lights following the tilt
Dimentions	H: 12 cm (4.7") L: 210 – 610 cm (6ft 11" – 20ft) W: 22 cm (8.7")
Weight	2.5 Kg (5.5 Lb.)
Pole reach	From 210 up to 610 cm (6ft 11" – 20ft), several pole lengths possible
Power supply 8" rugged tablet	Rechargeable battery, 8500mAh, 8 hours continuous operation
Power supply battery pack	Rechargeable battery, 6 hours continuous operation
Communication	
Media format	H264, JPEG
Frame rate	Max 25/30 fps
Media storage	Tablet, USB, SD card
Environment	
Operating temperature	-20 °C to 50 °C (-4 °F to 122 °F)
Humidity	10–85% RH (non-condensing)
Radiation	
Protection type	Gamma resistance (Co60)
Dose/dose rate	> 1000 Gray | > 100 Gray/h
Other	
Visual inspection	Fulfills reqirements for VT-3 / VT-1
Export	USB, SD card, WiFi or Bluetooth 4.0

ACCESSORIES

Dose rate detector	
Measurement range H*(10) (gamma, X-ray)	Medium flux: 10 µSv/h to 99.9 mSv/h (1 mRem/h to 9.99 Rem/h) Low flux: 0.5 µSv/h to 9.99 mSv/h (50 µRem/h to 0.99 Rem/h)
Type	Compensated GM-tube
Mounting	Modular mount – Loki adapted
Display/recording	Live overlay display/recording on Loki Tablet GUI
Contamination protection	
Type	Disposable protection sleeve and special camera module protection
Material	Made of nuclear approved material (PMUC or equivalent)

ISEC MONITORING SYSTEMS

The innovative, cost-efficient choice in nuclear monitoring systems

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