

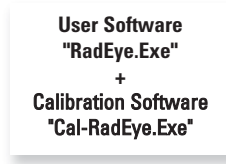
RadEye Accessories

A
B
C



Earphone for RadEye series
425067037

A
B
C



RadEye Software
425069951
+
Calibration Software
"Cal-RadEye.Exe"
425069952

A
B



Holster for RadEye units. Sized to insert instrument with rubber shock protection
A # 425067046
B # 425068519

A



Transparent plastic holster with safety-lanyard
425067044
(without RadEye)

A
B



1
Desktop holder for RadEye for use with data cables 4254026 or 4254029
425067060

A
B



2
Docking station ("car adapter") with charging circuitry (8-30 V DC, cigarette lighter plug), alarm relay and RS 232 interface.
425067065

2
4



3
RS 232 to USB adapter for data cable 4254029, docking station 425067065, area monitor 425067080
SM168535251

1
C



4
Data cable RS 232 for RadEye desktop holder
4254029

1
2



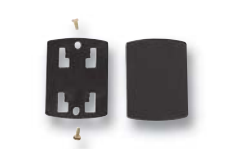
Goose neck mounting kit for attachment to the windshield; fits to docking station 425067065 or desktop holder 425067060
425067064

1
2



Knuckle joint screw-mounting kit; fits to docking station 425067065 or desktop holder 425067060
425067063

1
2



Flat mounting kit, incl. plates for screw- and adhesive mounting; fits to docking station 425067065 or desktop holder 425067060
425067059

1
2



Pivot arm screw-mounting kit; fits to docking station 425067065 or desktop holder 425067060
425067062

1
2



Goose neck screw-mounting kit; fits to docking station 425067065 or desktop holder 425067060
425067061

2
3
4



RS 232 adapter cable, 9-pin, 5 m, fits to docking station 425067065 and Area Monitor 4250680
SM168535223

2



AC/DC converter for AC supply of docking station 425067065 (1000 - 240 V AC, 24 V DC, 600 mA) with US, UK, EU connector
425067066

1
C



USB data cable for desktop holder
4254026

How to read this overview

1) RadEye versions classification

The accessory shown is suitable for use with:

- A** RadEye PRD/PRD-ER, RadEye G/G-10, RadEye N/NL
- B** RadEye G20/G20-ER, G20-10, G20-ER10, RadEye B20/B20-ER
- C** RadEye AB100

2) Combinations of accessories

The accessories marked with **1 2 3 4** on the left side of the product image are a necessary and/or reasonable combination with products including the same number **1 2 3 4** inside the image.

RadEye Accessories

Telescopic Adapter A B

- 1 RadEye adapter with connector to the handle or extensions: # **425067078** (without RadEyes)
- 2 Short handle, length 0.35 m: # **425067075** (without RadEye)
- 3 Aluminium extension, length 1.2 m: # **425067076** (without RadEye)
- 4 Telescopic extension up to 4.0 m: # **425067077** (without RadEye)



Advantages and additional information regarding Test Adapters based on Lu₂O₃

Thermo Fisher Scientific has developed an innovative series of Test Adapters based on high purity natural Lutetium-Oxide (containing the isotope Lu-176 with a 28 times greater half-life than K-40) to provide all users with the capability to “challenge” their radiations detectors functionality. These adapters can be used for performance verification of highly sensitive gamma detectors and pancake type beta contamination probes. Unlike other materials and objects containing natural radioactivity - such as old watches or incandescent lantern mantles - these test adapters have an activity that is well-defined and reproducible. Due to their natural origin and low specific activity, under US DOT or IATA rules for dangerous goods shipments these adapters are not considered as radioactive material.

X-ray and Gamma lines:*

Energy	8 keV	54 keV	55 keV	63 keV	88 keV	202 keV	307 keV	401 keV
Emission	23 %	9.4 %	16.5 %	6.9 %	13 %	84 %	93 %	0.8 %

Beta max. energy:*

Energy	188 keV	589 keV
Emission	0.9 %	99.1 %

The actual beta spectrum is broadened and shifted to lower energies due to energy loss in the bulk material.

* Nuclides 2000: An Electronic Chart of the Nuclides, Version 1.00 European Communities, 1999.

This specification sheet is for informational purposes only and is subject to change without notice. Thermo Fisher Scientific makes no warranties, expressed or implied, in this product summary.
© 2008 Thermo Fisher Scientific Inc. All rights reserved. LITRadEye Selection Guide_19June08



Laurus Systems, Inc. - Ph: 410-465-5558 - Fax: 410-465-5257 - www.LaurusSystems.com