BERTIN

Skydose

Operational teledosimetry

Skydose – operational teledosimetry from Bertin Technologies. Teledosimeter detector: 2 energy-compensated silicon diodes. Energy range: 50 keV–7 MeV.



Teledosimeter detector
2 energy-compensated silicon diodes [1]

Energy range
50 keV–7 MeV [1]

Specifications

DETECTOR

Teledosimeter detector	2 energy-compensated silicon diodes	[1]
Radiation	X-ray and gamma	[1]

MEASURING RANGE

Energy range	50 keV–7 MeV	[1]
Radio range	PDA: 150 m; RT-ZB05 router: 300 m	[1]

CONNECTIVITY & INTERFACE

Communication	Zigbee mesh, 2.4 GHz	[1]

POWER & BATTERY

Teledosimeter battery life	4,000 h	[1]
PDA battery life	>8 h	[1]
RT-ZB05 router battery life	>5 days	[1]

GENERAL

Dosimeters	1–8 Saphydose yi RT	[1]
Routers	1–3 RT-ZB05	[1]
Alarm	Audible and visual	[1]

Sources

[1] **Skydose**
Bertin Technologies · product-page · Technology tab; Datasheet tab (specifications); Datasheet tab (specifications), teledosimeter block · checked 2026-10-16
https://www.bertin-technologies.com/product/dosimetry/skydose/

Every value is taken from the manufacturer's own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer’s published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.