

UV - Optical Properties

Minimum UV Sensitivity	3x10 ⁻¹⁸ watt/cm ²
Minimum Discharge Detection	1.5 pC @ 8 meters
Minimum RIV Detection	15dB _V (RIV) @1MHz (test in accord with NEMA publ. 107-1987)
Field of View H x V	5° x 3.75°
Detector Life Span	No degradation
Focus	Full auto focus for UV and visible channels Simultaneous manual focus adjustment for both channels
Focus Distance	0.5m to infinity (with close up lenses, optional)

Visible - Optical Properties

UV/Visible Overlay Accuracy	Better than 1 miliradian
Minimum Visible Light Sensitivity	1 Lux
Video Standard	Full PAL or NTSC standards
Rapid Visible Zoom	25 optical x 12 digital Max Visible zoom reached within 1 sec on button push Return to normal value within 1 sec on button release

Display

Type	Integral High Resolution LCD, adjustable
Brightness	320 cd/m ² reflective, adjustable
Resolution	High-resolution 320 x 234 pixels B/W
Size	5"
Modes	Combined (UV & Visible), UV only, visible only
External Display	Composite PAL or NTSC via BNC jack

Controls & Operation

Method	Keyboard
Functions Activation	One touch button
Rapid Zoom	Continuous push button
System Status Indicator	LCD shows low battery

Environmental

Storage and operation Temp	-20°C up to +55°C
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Physical Characteristics & Power Source

Weight	4.5 Kg 12 lb
Dimensions L x W x H	L25 x W17 x H15 cm 9.8" x 6.7" x 5.9"
Nominal Power Consumption	12V DC, 16 Watts
Power Source	Rechargeable NiMH battery for over 2.5 hours continuous operation Universal AC/12VDC Adapter

Data Storage*

Image/video	External via BNC jack
Annotation	PDA
* Optional.	

