

EXTENDED SWIR DESIGNATOR / ILLUMINATOR [ANTIMONY L21M]

UK MADE



IDENTIFICATION DATA

Type	ANTIMONY
Reference number	L21M
NSN	N/A

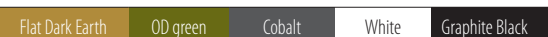
DESCRIPTION

The ANTIMONY L21M is a long range, covert laser designator, illuminator and pointer working in Extended SWIR band. It provides powerful and adjustable laser beam ideal for target marking and illumination at distances up to 15 km. The ANTIMONY L21M can be operated as handheld, weapon or tripod mounted device. It has multiple operation modes including remote control via RS232 interface and external power supply option.

Benefits: Modular design – removable battery compartment; Powerful beam with low NOHD of 30 m; Full remote control; Covert.



Custom colors available:



LASER SPECIFICATIONS

Wavelength	nm	2100
Working modes		Low - Medium - High - Pulse
Max. output power	W	0,2 - 0,5 - 1 - 1
Beam divergence (Narrow)	mrاد	1,5
Beam divergence (Wide)	mrاد	40
Pulse Mode		4 to 6 Hz, 40 - 60% duty factor
Working distance (Narrow)	km	Up to 15 km

SAFETY SPECIFICATIONS

Laser safety class		Class IV (ANSI CLASS 4) (at 1W Max power)
NOHD (10s exposure)	m	30
NSHD (10s exposure)	m	30
Ocular MPE	W/m ²	1000
Skin MPE	W/m ²	1000

POWER SUPPLY

Internal	AA batteries	4
External	VDC	4,5-30
Power consumption	W	<7
Run time		1 h 40 min (high mode, with lithium batteries)

ENVIRONMENTAL

IP Rating		Manufactured to IP67
Operating temperature		-32°C to +50°C
Storage temperature		-40°C to +70°C

DIMENSIONS, CONNECTORS, WEIGHT & MOUNTING

Length x Width x Height		250 x 55 x 65 mm
Mounting system		Picatinny Rail (MIL-STD-1913), Standard 1/4-20 tripod thread
Weight (without batteries)		700 g
Connectors		External power supply; RS232 serial interface; External fire switch (7 pin "Binder" 712/702 connector).

FOR ENQUIRIES

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