

# NIR ILLUMINATOR [ ARSENIC M98M ]

UK MADE



## IDENTIFICATION DATA

Type	ARSENIC
Reference number	M98M
NSN	N/A

## DESCRIPTION

The ARSENIC M98M is a medium range covert laser illuminator working in NIR band. It provides powerful and adjustable laser beam ideal for target illumination at distances up to 2 km. The ARSENIC M98M features unique laser speckle reduction technology providing extremely uniform illumination pattern. The ARSENIC M98M 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.

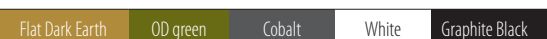


BROLIS Speckle-free solution



Standard diffuser

Custom colors available:



## LASER SPECIFICATIONS

Wavelength	nm	980
Working modes		Low - Medium - High - Pulse
Max. output power	W	0,5 - 1 - 2 - 2
Beam divergence (Narrow)	mrad	30
Beam divergence (Wide)	mrad	60
Pulse Mode		4 to 6 Hz, 40 - 60% duty factor
Working distance	km	Up to 2 km

## SAFETY SPECIFICATIONS

Laser safety class (at Max power)		Class IV (ANSI CLASS 4)
NOHD (10s exposure)	m	16,2
NSHD (10s exposure)	m	2
Ocular MPE	W/m <sup>2</sup>	36,8
Skin MPE	W/m <sup>2</sup>	2000

## POWER SUPPLY

Internal	AA batt.	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		260 x 55 x 65 mm
Mounting system		Picatinny Rail (MIL-STD-1913), Standard 1/4-20 tripod thread
Weight (without batteries)		740 g
Connectors		External power supply; RS232 serial interface; External fire switch (7 pin "Binder" 712/702 connector).

## FOR ENQUIRIES

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