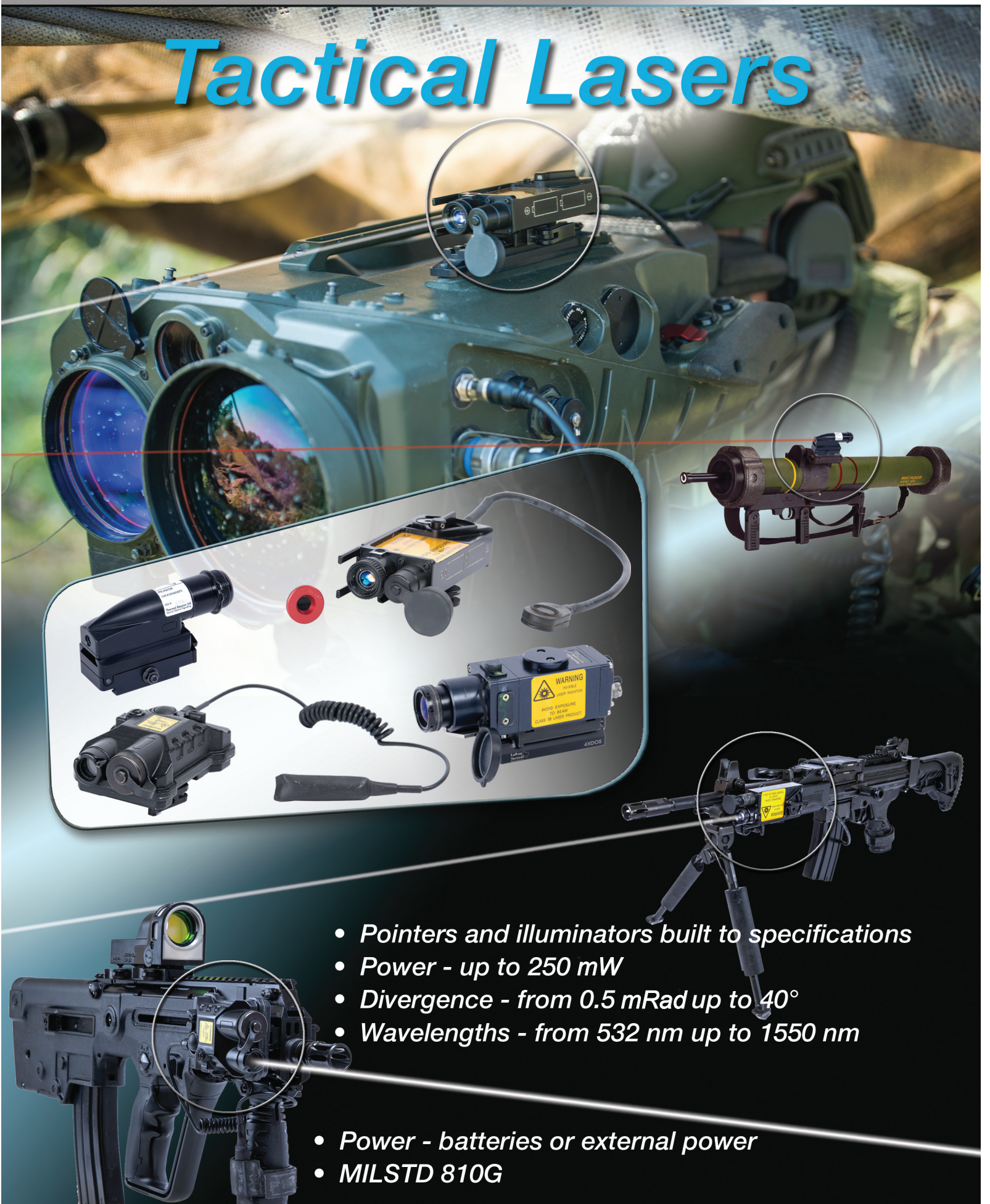


Thermal Beacon Ltd
Secure Optical Signaling



Tactical Lasers



- *Pointers and illuminators built to specifications*
- *Power - up to 250 mW*
- *Divergence - from 0.5 mRad up to 40°*
- *Wavelengths - from 532 nm up to 1550 nm*

- *Power - batteries or external power*
- *MILSTD 810G*



		Venom	Dual Venom	Picador	Lapid
<i>Application</i>		Machine guns, Weapon stations, Observation systems	Small Arms	Handheld missile/rockets	Weapon station, grenade launcher, machine guns
Laser Parameters					
<i>Operational mode</i>		<i>Pulse/CW/Class 1</i>	<i>Pulse/CW</i>	<i>CW</i>	<i>Pulse/CW</i>
<i>Wavelength * other wavelengths available</i>		810 nm or 650 nm	810 nm and 650 nm	630 nm	810 nm
<i>Output power</i>		200 mW High	30 mW High for both lasers	30 mW	1.5 W Controllable
		2.2 mW Low	5 mW for 810 nm Low	---	
		Class 1 when used with filter on Low	---	---	
<i>Repetition rate pulsed mode</i>		1.5 Hz	1.5 Hz	---	1.5 Hz
<i>Beam divergence</i>		0.5 mRad up to 40°	0.5 mRad for both lasers	0.5 mRad	1 mRad - zoom closed 2° X 8° - zoom open
<i>Bore sight</i>		±2°	±2°	1.4°, elevation only	±3° in 2 axes
General Parameters					
<i>Operational voltage</i>		Two AA batteries	One CR123 battery	One AA battery	4 x CR123/12VDC
<i>Dimensions</i>	<i>Height</i>	45 mm	42 mm	50 mm	55 mm
	<i>Length</i>	115 mm	98 mm	100 mm	160 mm
	<i>Width</i>	50 mm	63 mm	30 mm	50 mm
<i>Weight</i>		200 gr	160 gr	180 gr	620 gr