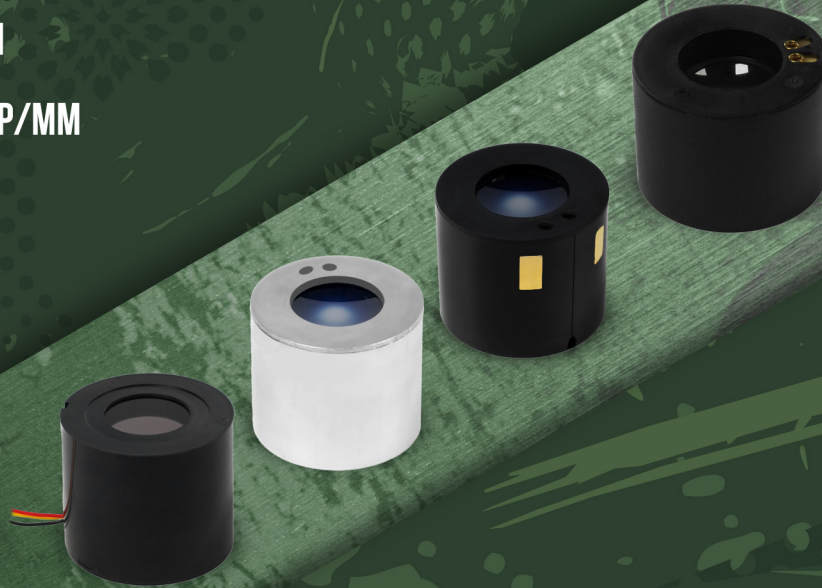


# NVT-6 MILITARY GRADE IMAGE INTENSIFIER TUBE

- A VARIETY OF SPECIFICATIONS ARE AVAILABLE FOR USERS TO CHOOSE FROM
- STANDARD VERSION WITH AUTO-GATING CONTROL
- SPECTRAL RESPONSE RANGE: 380-900M
- THE MINIMUM LIMIT RESOLUTION IS 64LP/MM



NVT-6 image intensifier adopts new MCP processing technology and new photocathode process. This product represent high resolution, high reliability, full-time working characteristics. This type of image intensifier has a variety of specifications such as positive image plane, positive image sphere, inverted image plane, inverted image sphere.

# PRODUCT SPECIFICATIONS

Performance Parameter		Minimum	Typical	Maxium	Unit
Figure of Merit		1800		2000	
Sensitivity	2856K	850		1000	μA/lm
	800nm	80			mA/W
	850nm	60			mA/W
Signal-to-Noise Ratio		28			
Resolution		64			lp/mm
(200lx)/High Light Level Resolution		48			lp/mm
Halo		0.7		1	mm
<b>Fast Auto-Gating Power Supply Unit</b>					
Response Time			0.3		s
Rise Time Off-to-On			0.6		s
Input Current				35	mA
<b>Other Technical Data</b>					
Phosphor		P22 (also available P43,P45)			
Operational Life Time		10000			h
Luminance Gain (2×10 <sup>-5</sup> lx)		12000			cd/m <sup>2</sup> /lx
Max. Output Brightness		4		8	cd/m <sup>2</sup>
E.B.I				0.25	μlx
Weight(16mm)				50	g
Weight(18mm)				80	g