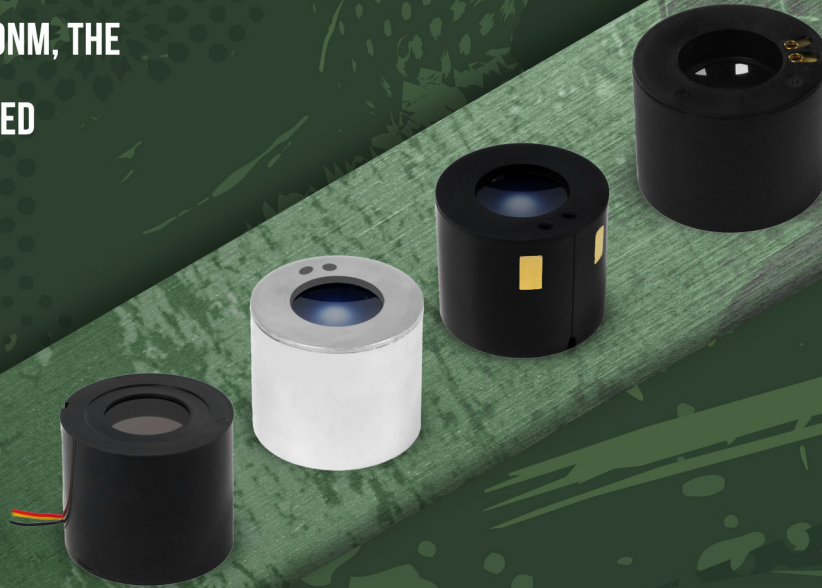


NVT-7 MILITARY GRADE IMAGE INTENSIFIER TUBE

- PHOTOCATHODE SENSITIVITY ABOVE 1000 U A/IM@2856K,
HIGH SENSITIVITY IN NEAR INFRARED BAND
- SPECTRAL RANGE FROM 380NM TO 1100NM, THE
SPECTRAL SENSITIVITY BAND IS EXTENDED
MORE IN NEAR INFRARED
- SMALLEST HALO
- AUTO-GATING
- EMC/EMI



NVT-7 Image Intensifiers is the latest product and has wide spectral range, the spectral sensitivity band is extended more in near infrared. This newly developed photocathode process represent a significant breakthrough in sensitivity and can image 1064nm laser. A Halo size never larger than 0.7mm and NVT-7 can be supplied with ultra-high auto-gating and bright spot protection.

PRODUCT SPECIFICATIONS

Performance Parameter	Minimum	Typical	Maxium	Unit
Figure of Merit	2000			
Sensitivety	2856K	1000		μA/lm
Signal-to-Noise Ratio	28			
Resolution	71			lp/mm
(200lx)/High Light Level Resolution	48			lp/mm
Halo			0.7	mm
	Fast Auto-Gating Power Supply Unit			
Response Time		0.25		s
Rise Time Off-to-On		0.6		s
Input Current			35	mA
	Other Technical Data			
Phosphor	P43 (also available P45)			
Operational Life Time	10000			h
Luminance Gain (2×10 ⁻⁵ lx)	12000			cd/m ² /lx
Max. Output Brightness	4		17	cd/m ²
E.B.I			0.25	μlx
Weight			80	g