

Mastering Nightfall with Superior Efficiency



NoctuVision image intensifiers represent the pinnacle of high-performance nocturnal imaging technology. Our tubes, available in both green and white phosphor, cater to diverse user requirements with various Figure of Merit (FOM) criteria. With NoctuVision, you're not just choosing an image intensifier, you're opting for the finest solution tailored to your specific needs.

Employing cutting-edge technology, NoctuVision tubes transcend the traditional limitations of night vision applications. They extend not only the range of visibility, but also the level of detail that can be discerned in low-light conditions. The enhanced Figure of Merit (FOM) attributes to an optimized balance of resolution and sensitivity, offering users a significant operational advantage when it comes to nocturnal exploration or surveillance.

The swift Auto-Gating functionality further enhances the user experience by rapidly adjusting to changes in lighting conditions. This ensures a consistent and clear image, mitigating the risk of momentary blindness or image washout due to sudden exposure to bright light.

In a world that doesn't stop when the sun goes down, NoctuVision tubes empower you to fully engage with the nocturnal landscape. Experience the extra range, enhanced detail, and night-time clarity that only NoctuVision can deliver.

The NoctuVision showcases an amalgamation of cutting-edge Gen 3 technologies, pushing the boundaries of innovation in its manufacturing process.

	NoctuVision			NoctuVision +			NoctuVision Max			NoctuVision Max +			NoctuVision Ultra			NoctuVision Ultra + *		
	Max	Min	Unit	Max	Min	Unit	Max	Min	Unit	Max	Min	Unit	Max	Min	Unit	Max	Min	Unit
FOM (Figure Of Merit)		1600			1800			2000			2100			2200			2600	
Signal-To-Noise Ratio		25			28			28			30			30			36	
Resolution		64	Ip/mm		64	Ip/mm		68	Ip/mm		70	Ip/mm		72	Ip/mm		72	Ip/mm
High Light Resolution																		
Format	18		mm	18		mm	18		mm	18		mm	18		mm	18		mm
Autogating	Yes			Yes			Yes			Yes			Yes			Yes		
Lightning Autogating	N/A			N/A			N/A			Available*			Available*			Available*		
Phosphor	P43 (Green) and P45 (White)			P43 (Green) and P45 (White)			P43 (Green) and P45 (White)			P43 (Green) and P45 (White)			P43 (Green) and P45 (White)			P43 (Green) and P45 (White)		
Connectivity	Through Contacts			Through Contacts			Through Contacts			Through Contacts			Through Contacts			Through Contacts		
MTTF	≥10000	hours		≥10000	hours		≥10000	hours		≥10000	hours		≥10000	hours		≥10000	hours	

- Please get in touch with us to obtain the product codes and SKUs.

- Please get in touch with us for inquiries regarding EMI and aviation compliant NoctuVision models.

* Subject to Availability



3E Elektro Optik Sistemler San. ve Tic. Ltd. Şti.

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