

PROFESSIONAL MANUFACTURER & HIGH PERFORMANCE OF IMAGE INTENSIFIER TUBE
LOW-LIGHT NIGHT VISION PRODUCT

Image intensifier tube Gen.2 / Super Gen.2 for P45 (WP), P22(GP) and P43(yellow-green) use

- ✓ Factory customization ✓ Wholesale
- ✓ Quality assurance ✓ Prompt delivery



YJ-2 Image intensifier tube



YJ-2 Features

Many products of OUTLOOK-Yuanjin Optics' low-light night vision telescopes and binoculars use the OUTLOOK-Yuanjin YJ-2 super-second generation (Super Gen. 2), which has the following high-performance features: The resolution of the micro-light tube is 55–64, the signal-to-noise ratio is 20 above, the sensitivity is 650 above, and the quality factor (FOM) is between 1200–1600.

Specific parameters

GENERAL DATA		Minimum	Maxman	Unit
Effective Diameter		17.5		
Cathode sensitivity	at 2850K	600μA/lm	900μA/lm	700μA/lm
	at 800nm	50mA/W		
	At 850nm	40mA/W		
Luminance Gain		8000cd/m ² /1x-12000cd/m ² /1x		
Max. Output Brightness		4cd/m ² -8cd/m ²		
Equiv. Background Illumination		≤0.25lx		
Resolution	Center	51 lp/mm	64 lp/mm	60 lp/mm
	Peripheral	51 lp/mm	64 lp/mm	60 lp/mm
Modulation transfer function, or MTF	At2.5lp/m	86		
	At7.5lp/m	65		
	At15lp/mm	42		
	At25lp/mm	22		
	At30lp/mm	15		
Signal To Noise Ratio		20	27	22
Uniformity Lin		≤25mA		

Effect picture (recorded by mobile phone):



(GREEN PHOSPHOR)

(WHITE PHOSPHOR)

