

The **ALPHA OPTICS AO-22525R** 25 mm is Gen 2+ image intensifier with S-20 or S-25 photocathode and an extended red response. The tube comprises a special fiber optic faceplate, microchannel plate (MCP) current amplifier, and phosphor screen. Incorporated electronics includes an advanced automatic brightness control, and manual adjustment to a desired brightness level. Power supply has a built-in photocathode protection against high light level exposure. Tubes are available in green and white phosphor offering the best option for Observation, Aiming and Navigation devices.



SPECIFICATIONS	AO-22525R/H	AO-22525RBW
Resolution, lp/mm, min	32	32
Gain, min	50000	50000
EBI, lm/cm <sup>2</sup> , max	1x10 <sup>-3</sup>	1x10 <sup>-3</sup>
Useful diameter of photocathode, mm, min	25	25
Photocathode	S20	S25
Phosphor	P43	P45
Luminous sensitivity, μA/lm, min	300	260
Signal to noise, min	3.2	3.2
Diameter, mm	63	63
Length, mm	75.6	75.6
Weight, g, max	350	350