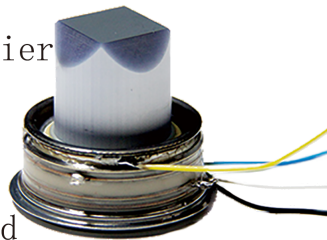


JIMNVT-KZ-20-快响应像增强器

JIMNVT-KZ-20 Fast-Response Low-Light Image Intensifier

JIMNVT-KZ-20 Fast-Response Low-Light Image Intensifier is a high-performance optoelectronic device for direct CCD/CMOS coupling, specializing in ultrafast detection of transient weak light signals. Its gated operation technology enables sub-nanosecond precision capture of faint optical signals through high-speed photocathode control. Ideal for laser pulse diagnostics, high-speed spectral analysis, and detonation observation.



JIMNVT-KZ-20 Fast-Response Low-Light Image Intensifier

Technical Parameters	JIMNVT-K-20	Units
Photocathode Effective Diameter	≥17.5	mm
Cathode Materials	S25/S20/Bialkali, etc.	—
Input Window	Glass/Fused Silica/Fiber Optic Plate(FOP) customizable per client requirements	—
Output Window	Fiber Optic Taper (FOT) customizable to client requirements	—
Phosphor	P43/P45/P46	—
Spectral Response	200nm-900nm Customizable per client requirements	—
MCP	1/2/3	—
Response Speed	≤3ns Customizable per client requirements	lp/mm
Operating Voltage	Cathode voltage 0-200V, single MCP voltage 0 - 1000V anode voltage 0 - 6000 V.	V
Operating Temperature	-45~+55	℃
Storage Temperature	-55~+70	℃

