



01 / CAPABILITY OVERVIEW

HD 25/25

HD 25/25 Gen I three-stage image intensifier



FIG 01 PRODUCT CONFIGURATION

28 lp/mm

LIMITING RESOLUTION

**Gen I 3-stage,
electrostatic focusing**

TYPE

XX1140

EQUIVALENT LABEL

**300 uA/lm at 2856
K**

CATHODE SENSITIVITY

01.1 / OVERVIEW

Gen I three-stage electrostatically focused image intensifier with 23 mm photocathode, three image modules and automatic brightness control.

TYPE

Image intensifier

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



TECHNICAL DATA

HD 25/25 / TECHNICAL EQUIPMENT

PERFORMANCE

Cathode sensitivity	300 uA/lm at 2856 K
Radiant sensitivity	20 mA/W at 800 nm; 15 mA/W at 850 nm
Limiting resolution	28 lp/mm

INTERFACES AND OPERATION

Supply current	50 mA
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PHYSICAL DATA

Photocathode diameter	23 mm
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ADDITIONAL TECHNICAL DATA

Type	Gen I 3-stage, electrostatic focusing
Equivalent label	XX1140
EBI	0.20 ulux
Luminous gain	12700 cd/m2/lux at 2x10-5 lux
Output uniformity	4 : 1
MTF	60% at 7.5 lp/mm; 20% at 16.0 lp/mm
MTTF	2000 hours