



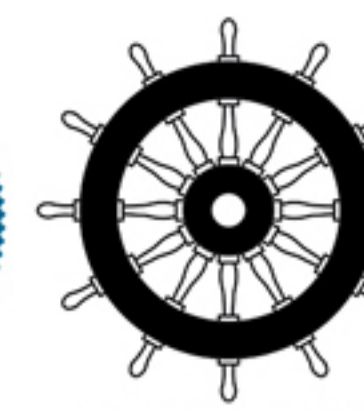
NIGHT VISION CAMERA

Features

- Light Weight
- Free Maintenance
- IMO HSC Code & Wheel Mark Certified
- Self Cleaning Window
- Operator Interface Unit



PREDATOR SERIES



FEATURES

Night Vision Cameras are normally used to complement radar and target tracking but can also detect small targets that the radar might miss in rough seas. This could give a vessel early threat awareness and small vessel detection in hostile waters and could be particularly valuable for vessels that operate in waters where there are small craft such as fishing vessels when the visibility is low.

Starlight Italia produces a dedicated night vision camera system that is designed for high speed craft and which meets the requirements of the High Speed Code.

ND 1200 PREDATOR is Wheel mark certified and actually installed on several High Speed Craft. Main benefits are easy installation, years warranty, H24 service, all spare parts always a stock, Made in Italy, Wheel mark approved, Free maintenance.

ND 1200 PREDATOR is manufactured from carbon fibre to ensure a high strength to weight ratio.

The **ND joysticks** are designed to provide an easy control to enable smooth and easy tracking or monitoring.

ND 1200 PREDATOR camera is specifically designed for use in the marine environment.

All enclosures are dry nitrogen purged and desiccant charged to prevent the corrosive cycle that occurs when using heaters to prevent condensation.

ND 1200 PREDATOR is fully sealed and immersion tested to IP68 standards.

It is compliant with the following rules:

1. IMO Res.A.694(17).
2. IMO Res.A.36(63)-(1994-HSC-Code)13
3. IMO Res.MSC.94(72)
4. IMO Res.MSC.97(73)- (2000HSC-code)13
5. Wheel mark and comply with (MED)96/98/EC
6. International standard night vision equipment for high speed craft.



ULTRA LOW LIGHT CAMERA



NIGHT VISION MODE

GRID CONTROL
up/down memory

FUNCTION
BUTTON

JOYSTICK

SCREENSHOT

DIMMER

POWER BUTTON

RESET AHEAD BUTTON

CHECK BUTTON
FAILURE ALARM

SUNBEAM
LOCKLIGHT



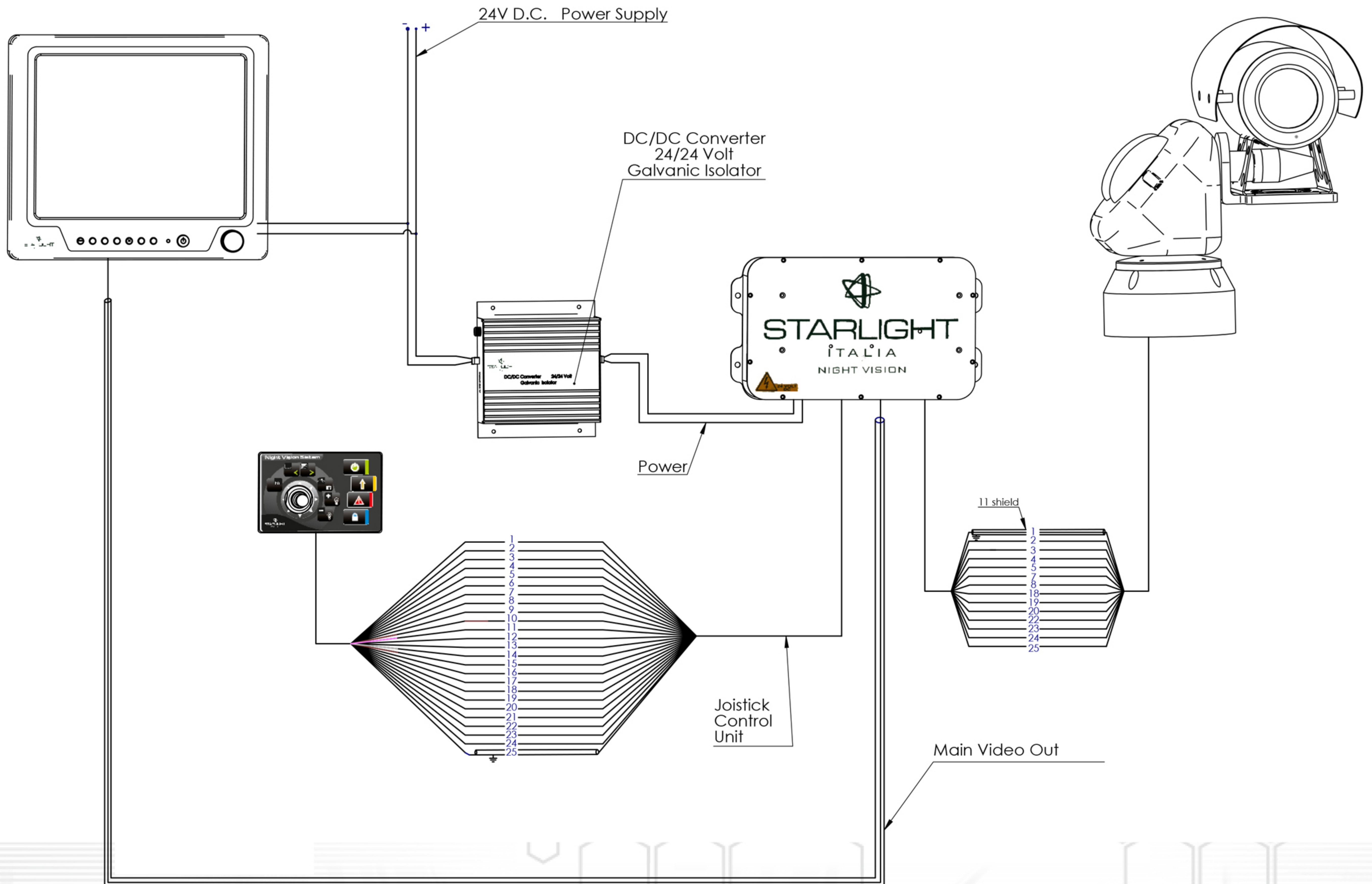
STARLIGHT

ND 1200 PREDATOR FEATURES

LIGHT INTENSIFIER CAMERA		FEATURES
FIELD OF VIEW		HorizFov=40°. VertFov=40°
SENSOR		SuperGen. Intesifier Electron Tube
IMAGE INTENSIFIER PROTECTION		Auto gating, light level auto shutdown with auto day camera commutation
RESOLUTION		>60 plmm
SENSITIVITY		0,000001 Lux
WINDOW TYPE		Auto cleaning Sapphire glass
ULTRA LOW LIGHT CAMERA		FEATURES
FIELD OF VIEW		HorizFov=40°. VertFov=40°
SENSOR		SuperChip II SSNR III Starlight
RESOLUTION		1000 lines TV
WINDOW TYPE		Auto cleaning Sapphire glass
MOTION		FEATURES
PAN TILT RANGE		345° PAN ; +/- 90° TILT
PAN/TILT SPEED		30°/ s
OUTPUT		FEATURES
VIDEO OUTPUT		COMPOSITE SIGNAL
HUMAN DEVICE INTERFACE		FEATURES
DISPLAY		17" TFT Monitor
JOYSTICK		Integrated into control panel
POWER SUPPLY		FEATURES
VOLTAGE		24V
CONSUMPTION		15W MAX
MATERIAL		FEATURES
IP GRADE		IP 68
EXT. ENCLOSURE MATERIAL		Carbon Fiber, AISI 316 Stainless Steel
OTHERS		FEATURES
DIMENSION		350 x 350 x 460 mm
OPERATIONAL TEMPERATURE		-25° +70°C
WEIGHT		9.8 kg



BLOCK DIAGRAM



Starlight Italia is a provider of marine security, marine safety and marine solutions to world wide customers. Since 2005 Starlight Italia was one of the first company in the world, to complete certification product from IMO, (MED) with the very stringent requirements for night vision installations on High Speed Craft ferries. During our history we have installed more than 100 night vision systems around the world.

Starlight Italia NVS help customers with their critical needs in:

- Detection of vessels, obstacles, people and other objects
- Decision and action through warnings or triggering pre-defined action after detection in darkness of threat or possible collision

Solutions Starlight Italia NVS ultra-low light cameras, image intensifiers and thermal sensors to enhance surveillance and detection capability

Starlight Italia products are designed to operate continuously for long periods in hard marine conditions.

Starlight Italia's products can satisfied all clients requirements and specifications providing a wide scale of product configuration and price.



Starlight Italia S.r.l.

Tel. +39 081 563 45 91

Fax +39 081 563 64 26

Mob. +39 333 4096003

Mob. +39 335 6630194

E-mail: info@starlightitalia.com

www.starlightitalia.com