

Sea deFNder®



FN HERSTAL

Sea deFNder®

Taking advantage of its long-standing firearms expertise, FN Herstal designed and developed a complete family of remote weapon stations called deFNder® in order to meet today's operational requirements. deFNder® Remote Weapon Stations provide optimized remote firing capability while keeping the operator completely under armor protection.

The Sea deFNder® is the maritime variant of the deFNder® Medium. It can integrate all FN Herstal machine guns up to .50 caliber, including the unique FN M3R™ with high firing rate of 1,100 RPM.

Specifically dedicated to Naval Forces and Coastguards, the Sea deFNder® fulfills an extensive range of missions, such as anti-piracy, anti-terrorism, interception of drug or people smugglers, and surveillance of territorial waters.



Sight module:
customer choice

Operator console

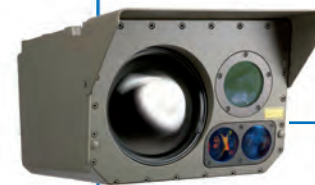


Control handle:
customer choice



Game pad

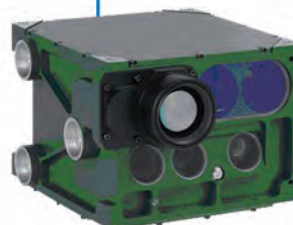
One-hand



CCD + IR uncooled



CCD + IR uncooled



CCD + IR cooled

Aluminum
weapon mount

Remote Weapon Station

Armament module:
customer choice

Ammo box:

customer choice
- up to 500 rounds
of 12.7x99mm NATO
- up to 1,000 rounds
of 7.62x51mm NATO



FN MINIMI® 5.56 Mk3 or earlier models
5.56x45mm (M249)



FN MINIMI® 7.62 Mk3 or earlier models
7.62x51mm (Mk48)



FN MAG® - 7.62x51mm (M240)



FN M2HB-QCB™ - 12.7x99mm (.50)



FN M3R™ - 12.7x99mm (.50)
This machine gun is an FN Herstal exclusivity
and offers a high firing rate (1,100 RPM).



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Sea deFNder®
here with FN M2HB-GCB™ machine gun
- Maximum elevation angle: +70°
- Maximum depression angle: -40°



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BNP PARIBAS FORTIS BANK : IBAN : BE40 2400 0440 0063
BIC : GEBABEBBTF0



Technical Data

Compatible weapons:	FN MINIMI® 5.56 (M249), FN MINIMI® 7.62 (MK48), FN MAG® (M240), FN M2HB-GCB™, FN M3R™, and 40mm AGL
Soft recoil cradle:	Optimized firing performance and reduced level of shocks and vibrations
Traverse angle:	Nx360°
Elevation angle:	+73° ; -42° depending on weapon type
Max traverse speed:	90°/s
Max elevation speed:	60°/s
Min controlled elevation and traverse speed:	0.5 mrad/s
Above deck height:	Less than 675mm
Above deck weight:	Less than 125 kg, excluding weapon and ammunition
Power supply:	18-32 VDC MIL-STD 1275
Display unit:	1024x768 pixels LCD color screen
Day and night sight	
Two-axis gyroscopic stabilization	
Round counter	
Selectable burst length	
Built In Test (BIT)	
Weapon protective cover	
Warning shot	

Main options

- IR thermal cooled camera
- Add-on modular ballistic protection (STANAG 4569 Level 1 or level 2)
- Higher ammunition box capacity up to 500 rounds of .50 cal or 1,000 rounds of 7.62x51mm
- Interface with various sensors (e.g. SADLS, LWR, Radar)
- Target tracking
- Image stabilization

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