

deFNder<sup>®</sup> Light



**FN HERSTAL**

# deFNder® Light

Taking advantage of its long-standing firearms expertise, FN Herstal designed and developed a complete family of remote weapon stations called deFNder®.

deFNder® Remote Weapon Stations provide optimized remote firing capability while keeping the operator completely under armor protection in order to meet today's operational requirements.

The deFNder® Light is the light weight remote weapon station of FN RWS family. It can integrate all FN Herstal machine guns up to 7.62mm caliber and is capable of extreme elevation and depression angles of operation.

The deFNder® Light is therefore well suited for:

- self-defense missions and urban warfare when mounted onto all types of vehicles, including very light vehicles
- turret onto turret applications
- border control or critical infrastructure protection missions.

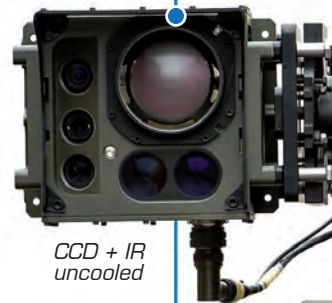
**Sight module:**  
*customer choice*



*CCD + IR uncooled*



*CCD + IR uncooled*



*CCD + IR uncooled*



*CCD + IR cooled*



**Armament module:**  
*customer choice*

**Aluminum weapon mount**

**Optional weapon protective cover**

**Operator console**



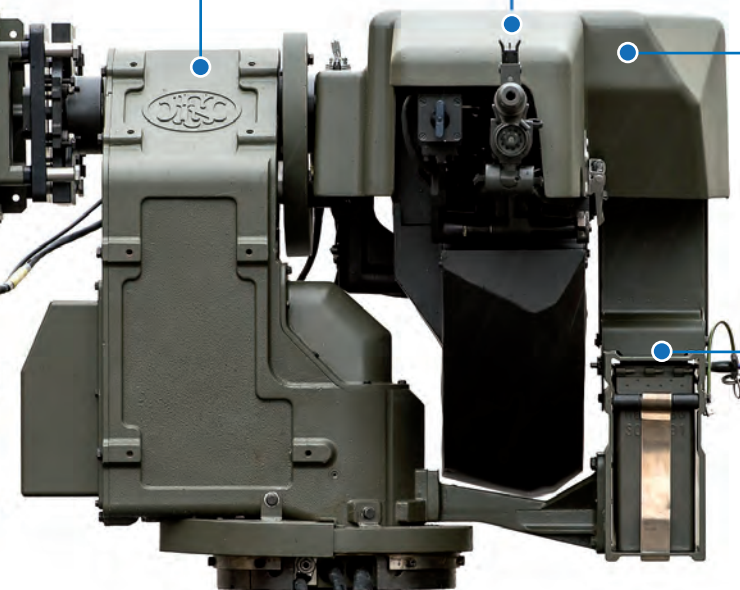
**Control handle:**  
*customer choice*



*Game pad*

*One-hand*

**Ammo box:**  
*customer choice*  
- up to 600 rounds of 7.62x51mm NATO  
- up to 1,050 rounds of 5.56x45mm NATO



# Remote Weapon Station



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



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



FN MAG® - 7.62x51mm (M240)

## Mounted Roles

- Designed to be easily installed on any type of new or existing vehicles
- Compatible with **turret onto turret** applications



## Dismounted Roles



Critical **infrastructure protection**, such as military compounds, nuclear facilities, embassies, oil refineries, borders.



**FN HERSTAL**

# deFNder<sup>®</sup> Light



*deFNder<sup>®</sup> Light  
equipped with FN MAG<sup>®</sup>  
- Maximum elevation angle: +80°  
- Maximum depression angle: -60°*



## FN HERSTAL

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



## Technical Data

Compatible infantry weapons:	FN MINIMI <sup>®</sup> 5.56 (M249), FN MINIMI <sup>®</sup> 7.62 (MK48), FN MAG <sup>®</sup> (M240)
Traverse angle:	Nx360°
Elevation angle:	+80°; -60°
Max traverse speed:	90°/s
Max elevation speed:	60°/s
Min controlled elevation and traverse speed:	0.5 mrad/s
Above deck equipment weight:	<85 kg with FN MAG <sup>®</sup> and 250 rounds
Below deck equipment weight:	<20 kg
Above deck equipment height:	<530mm
Power supply:	18-32 VDC MIL-STD 1275
Display unit:	1024x768 pixels LCD color screen
Day sight module:	Color CCD camera
Round counter	
Selectable burst length	
Built In Test (BIT)	

## Main options

- Night sights (IR thermal cooled and uncooled camera)
- Add-on modular STANAG 4569 level 1 ballistic protection
- LRF + ballistic computer
- Higher capacity ammo box up to 600 rounds of 7.62x51mm or 1,050 rounds of 5.56x45mm
- Interface with various sensors (SADLS, LWR, etc.)
- Two-axis gyroscopic stabilization
- Weapon protective cover
- Target tracking and image stabilization

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