

# VERSATILE **24/7** IMAGING

The HORNET MR is a very light and versatile target acquisition and observation digital sensor for medium range day and night-time use.

**VERSATILE DIGITAL TARGET  
ACQUISITION AND  
OBSERVATION  
SENSOR**



## **HORNET MR**

**Built in partnership with Night Vision Lasers Spain**

The HORNET MR has a digital high resolution day/night sensor, a glass see-through laser range finder, a digital magnetic compass and inbuilt GPS. Lightweight and compact, the HORNET MR is suitable for forwards observation squads, infantry, border security and police or military special units with varying levels of training.

**The HORNET MR is fully operational regardless of environmental circumstances and is able to measure a target's location information accurately up to a distance of 3,5 km, even through a car or a building window.**

- Digital high resolution day/night sensor
- x8-x32 day and night magnification
- Lowest error rate laser range finder
- Digital magnetic compass & GPS
- Day and night still image and video capture
- Real time image transmission to HQ (with additional transmission equipment)
- External control & display
- Detects 1064nm IR laser designators



TECHNOLOGY	
Low Light Sensor	Lynx CMOS
Format	HD (picture and video mode)
Light Sensitivity	Approx. Quarter Moon
Spectral Range	500-1080 nm
Frame rate	Up to 60 Hz. With full field resolution
OPTICAL PERFORMANCE	
Field of view	6°
Magnification	x8-x32 days and night
Digital zoom	2x-4x
Recording	Video on external DVR   Snapshots on internal SD Card
LASER RANGE FINDER	
Capability	From 5m to 3500m standard NATO target
Accuracy	< 1,5m
Laser diode wavelength	1550nm
Output power	< 2,4W
Laser safety	Laser Class 1 per IEC 60825-1
Target marker	Visible red and IR 980nm
DIMENSIONS	
Length	<270 mm
Width	165 mm
Height	104 mm
Weight	< 1,9 kg
ENVIRONMENT	
Connectivity	PAL/NTSC video to external screen or DVR
Housing	Light alloy metal
Submersion	IP-67
Use temperature	-30°C to +55°C
Storage temperature	-40°C to +60°C
Options	External field monitor   External high power IR beamer

**Photonis Netherlands B.V.**

Dwazziewegen 2,  
9301 ZR Roden,  
Netherlands  
T +31 (0)505 01 88 08  
F +31 (0)505 01 14 56  
E nightvision@photonis.com  
W www.photonis.com

**Photonis Technologies S.A.S.**

Avenue Roger Roncier,  
19100 Brive-la-Gaillarde,  
France  
T +33 (0)555 86 37 00  
F +33 (0)555 86 37 74  
E nightvision@photonis.com  
W www.photonis.com

**Photonis Digital Imaging, LLC**

6170 Research Rd, Suite 208  
75033 Frisco, TX  
USA  
T +1 (469) 713-6108  
F +1 (469) 713-2880  
E imaging@photonis.com  
W www.photonis.com

[www.photonis.com](http://www.photonis.com)

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