



YOUR SOLUTION PARTNER

Missing a suitable off-the-shelf product?

Vectronix offers to develop a specific LRF or Northfinding solution for your individual system. In close cooperation with you, we adapt our technology to your application.

Minimisation of risk

Vectronix is a trusted partner for systems integrators. With proven quality and best-in-class solutions, we help you minimise risk, while our experience in customisation ensures perfect tailored solutions that meet your needs.

Maximum project reliability

As your partner we share your objectives. Responsive customer support and clearly defined points of contact keep projects moving ahead.

Our processes are ISO9001-certified, reflecting our commitment to quality.

TECHNICAL DATA

Range-finding	LRF 3013	LRF 3020	LRF 3027	LRF 3042	LRF 5020	LRF 5042
Range capability	3.0km	2.0km	4.2km	6.0km	4.5km	8.0km
Accuracy < 1,500m	±0.75m	±3m	±3m	±3m	±3m	±3m
Accuracy > 1,500m	±1.0m	±5m	±5m	±5m	±5m	±5m
Dimensions	37 x 22 x 52mm	100 x 50 x 35mm	105 x 80 x 41 mm	114 x 100 x 50mm	100 x 50 x 35mm	114 x 100 x 50mm
Weight	<50g	120g	250g	325g	120g	325g

North-finding	DMC pico	DMC-SX 5000	DMC-SX 4000
Azimuth (heading)	0.25° (1σ)	±0.25°	±0.5°
Elevation and bank	0.1° (1σ)	±0.1°	±0.25°
Dimensions	31 x 23 x 8.5mm	33 x 31 x 13.5mm	33 x 31 x 13.5mm
Weight	9g	<28g	<28g

For further specifications please refer to the product technical data sheet.



SUCCESS STORIES



PASEO

Sagem's fire control systems for armored vehicles are operational on all terrain and in all conditions (day/night, stationary/on the move). PASEO sights dedicated to Infantry Fighting Vehicles and Main Battle Tanks combine the advantage of panoramic aiming capability for independent surveillance of the battlefield and accuracy of positioning and embedded ballistic computer for high performance firing efficiency in the most demanding battlefield conditions.



MOSKITO TI

The MOSKITO TI combines higher usability, lower weight and broader capabilities than any device in its class. Incorporating Vectronix performance history, it is reliable in all conditions and gives dismounted infantry and special forces exactly what they need for full 24-hour situational awareness.

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THE OEM SUCCESS FACTOR

OEM SOLUTIONS

RANGE AND NORTHFINDING

YOUR SUCCESS FACTOR

Reliable partner

Vectronix is your development and solution partner for rangefinding and northfinding. We put Swiss quality into each product in our comprehensive range. Decades of experience and the resources of Sagem (Safran) help make us a supplier you can rely on.

Reliable products

The solutions are innovative, state of the art and in many cases they set the standard. As a medium-size company, we're responsive, attentive to customer needs, with a high speed development. All of this has gained the trust of users around the world.

RANGEFINDING

Laser Rangefinding is a core competence of Vectronix. The LRF modules bring high capabilities into low size and weight factors to meet the most rigorous demands. They come ready to be integrated in your systems. We will gladly customise them on request.



Easy integration

- + Existing or new systems

Class 1 eye-safe laser

- + Allows unrestricted operation and is invisible to I² sensors

Best performance to weight ratio

- + Meets any SWaP requirement

Proven technology

- + Uses reliable diode and fibre laser

RoHS conform

Long range

- + Solutions available up to 30,000m

Accuracy

- + Solutions available down to 50cm

Tough and reliable

- + Temperature, vibration and shock-resistant
- + Tested to MIL-STD810

Sample Applications

MOSKITO TI



VECTOR



- + Handhelds
- + Weapon Mounts
- + Land Vehicles
- + Remote Weapon Stations
- + UAVs/UGVs
- + Vessels

NORTHFINDING

Tried, fielded and trusted in some 100,000 electro-optical devices and systems, the Vectronix DMC is the most accurate and reliable digital magnetic compass available today.

Ready to use modules are available in a variety of configurations to suit your needs.

RoHS conform

Proven technology

+ Over 100,000 DMC sold

Easy system integration

- + Robust, flexible software interface
- + Long experience with leading system integrators



Tough and reliable

- + Temperature, vibration and shock-resistant
- + Tested to MIL-STD810

Best-in-class performance to weight ratio

- + Maximum performance in the smallest of packages

Accuracy

- + Solutions are available down to 0.25° azimuth accuracy

Sample Applications

JIM LR



Northfinding



- + Handhelds
- + Weapon Mounts
- + Land Vehicles
- + Remote Weapon Stations
- + UAVs/UGVs