

Newton Plus

50m 100m 200m



NEWTON PLUS - HYBRID OPTICS 100HZ



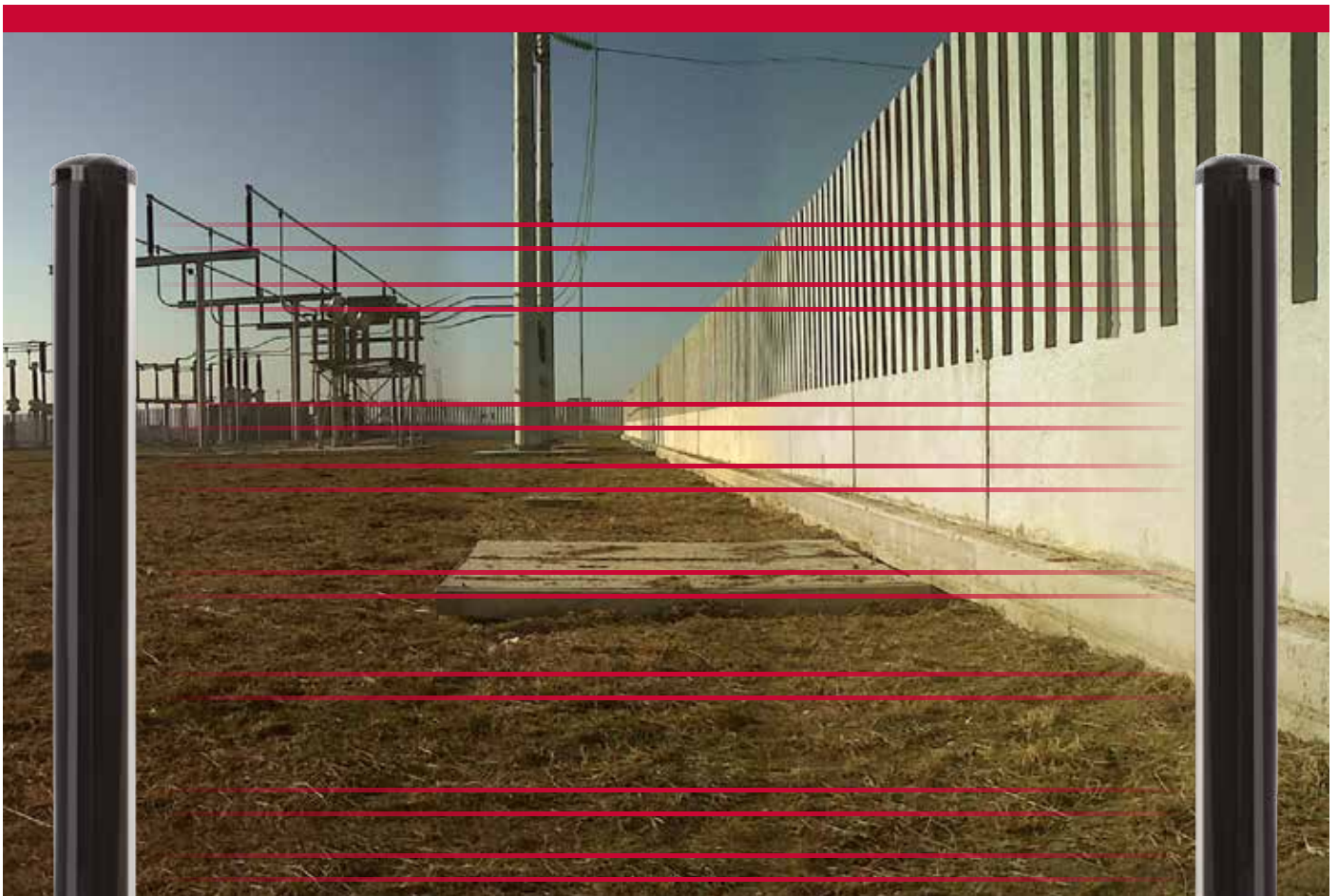
ACTIVE
INFRARED



HYBRID OPTICS

Maximum Security with Innovative Technology

Newton Plus infrared barriers use state-of-the-art technology to detect and analyze intrusions. These systems are weather-resistant and feature elegant designs, making them suitable for applications such as villas, industries, storage areas, and parking lots.



Newton Plus represents excellence in perimeter protection thanks to its 100Hz hybrid optics, which provide superior detection of unauthorized entry with minimal false alarms.

Key Features

- ✔ **Advanced Technology:** Newton Plus infrared barriers utilize the latest models of active, hybrid, and digital infrared technology, ensuring exceptional intrusion detection capability.
- ✔ **Patented Design:** These hybrid active infrared barriers combine a robust, reliable, and aesthetically pleasing design, making them ideal for a wide range of environments such as villas, industrial sites, storage facilities, facades, rooftops, boundary walls, and parking lots.
- ✔ **D.I.S. 100Hz Technology:** Featuring Double Interlaced Scanning (D.I.S.) 100Hz, each optic functions as both transmitter and receiver, ensuring precise and reliable detection.
- ✔ **Automatic Gain Control:** Dual automatic gain control compensates for variations in incoming signals, distinguishing atmospheric phenomena from genuine intrusion attempts and minimizing false alarms.
- ✔ **Anti-Blinding Function:** Newton Plus is resistant to intense light sources such as sunlight and car headlights, ensuring reliable operation in all environmental conditions.
- ✔ **Thermostat-Controlled Heater:** Each optic is equipped with a thermostat-controlled heater to prevent condensation, dew, and other factors that could affect performance, ensuring excellent detection even in extreme weather conditions.
- ✔ **Alarm State Collection:** Newton Plus provides alarm outputs on each of the two columns, allowing complete customization of the system to meet specific needs.

With Newton Plus, ensure advanced, customizable, and dependable perimeter security for your environments.

TECHNICAL SPECIFICATIONS

RANGE	50, 100, 200m
CHANNELS	4
ALIGNMENT	Optical + buzzer
DISQUALIFICATION	Available only on 100m and 200m models
HEATERS	Yes
POWER SUPPLY	13.8 Vdc or 220 Vac (optional)
BEAM INTERRUPTION TIME	Adjustable from 50ms to 800ms
SUNLIGHT IMMUNITY	Special hybrid filter
OUTPUTS	Alarm, Fault, Tamper managed via relays
IP RATING	IP-55
SECURITY GRADE	EN50131-1 Grade 4 with disqualification