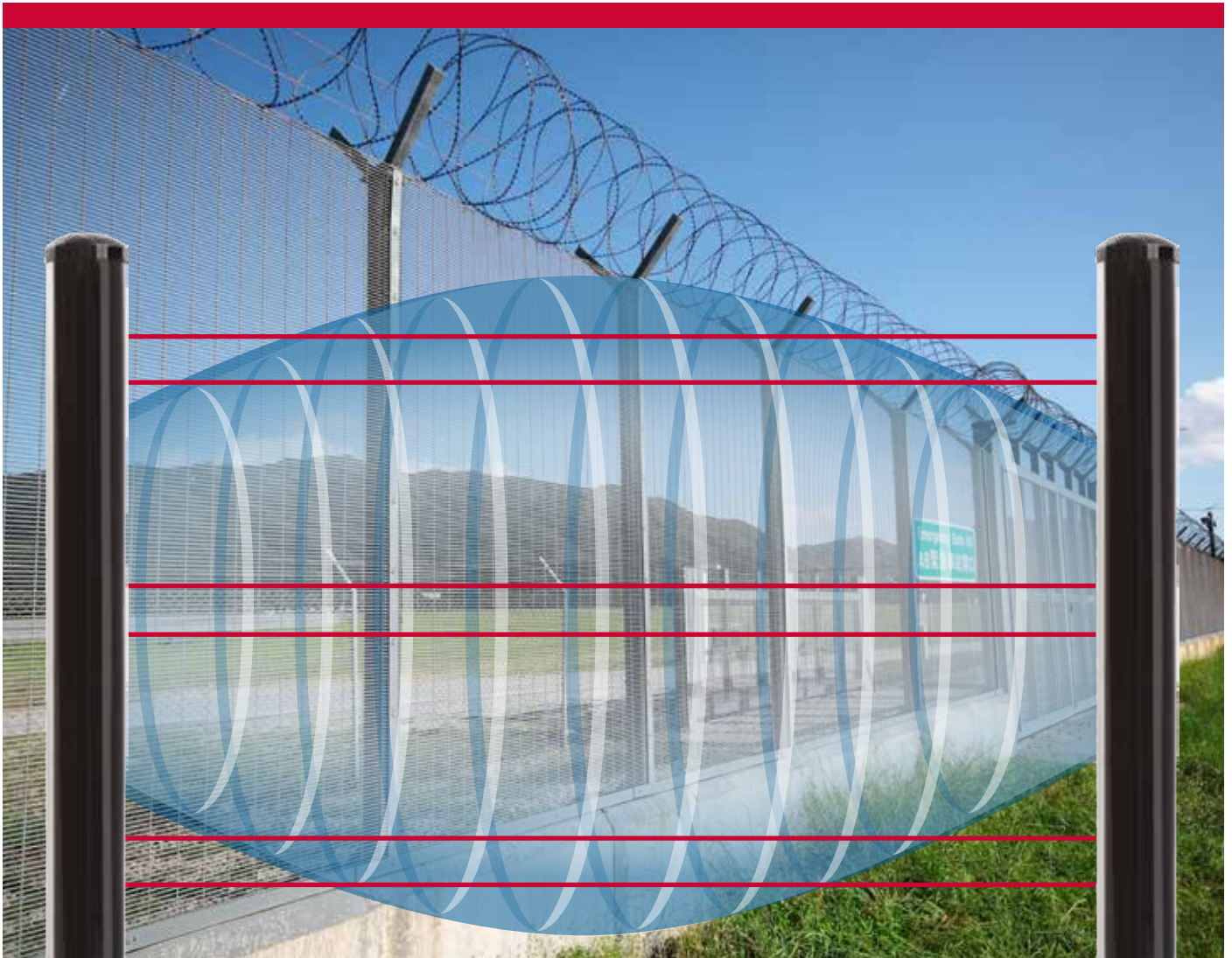


Pythagoras 3Tech

100m 160m



**DIGITAL TRIPLE-TECHNOLOGY BARRIER:
MICROWAVE, INFRARED, AND DOPPLER FOR HIGH-SECURITY SITES**



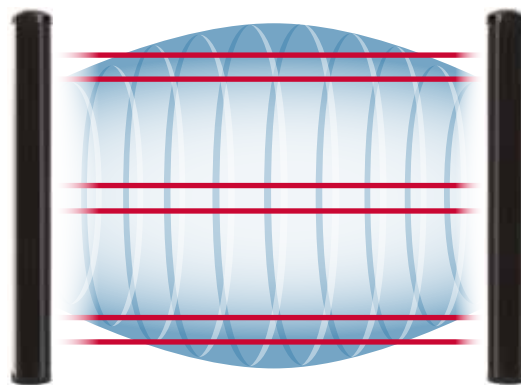
Pythagoras 3Tech represents a major advancement in perimeter protection, combining multiple technologies (microwave, active infrared, and doppler) with digital signal analysis to deliver optimal security over distances of up to 160 meters.

Key Features

- ✓ **Multi-Technology System:** combines microwave, dual active infrared optics, and microwave doppler to adapt to the dimensions of the corridor being protected.
- ✓ **Adaptability:** overcomes interference from fences or vegetation, surpassing the limitations of standalone technologies, ensuring effective protection in varying environmental conditions.

Technical Specifications

- **Range:** Available with effective coverage of 100 or 160 meters.
- **Advanced Settings:** Configurable with AND-OR settings and 6 predefined scenarios based on Fuzzy Logic digital analysis for optimal customization.
- **Alarm Outputs:** Equipped with 3 relays on RX and 2 relays on TX, plus a special alarm output via RS 485 RX+TX protocol for reliable communication.
- **Column Height:** Available in 2m or 3m heights to suit specific installation needs.
- **Advanced Design:** Practical column with a front-opening panel for easy maintenance, including anti-climbing and anti-crawling kits for enhanced security.



With Pythagoras 3Tech, you achieve comprehensive and reliable protection, surpassing the limitations of standalone technologies and adapting to your specific security requirements.

TECHNICAL SPECIFICATIONS

RANGE	100, 160 meters
FREQUENCY	X-band certified in many countries, compliant with EU, USA, and Canada standards
OPERATING TEMPERATURE	-35°C to +65°C
OUTPUTS	Alarm, Fault, Tamper managed via relays. IP output available with IP-Doorway integration.
POWER SUPPLY	13.8 Vdc
CHANNELS	16 microwave and 4 infrared
ALIGNMENT	Built-in audio-video tool with self-check feature
SIGNAL ANALYSIS	AND, OR + 6 scenarios
CONFIGURATION	Remote setup and analysis with Wave-Test2
IP RATING	IP55
SECURITY GRADE	EN50131-1 Grade 4

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