# APS
## ADVANCED PERIMETER SYSTEMS

## TDR100
## SENSOR-POINT
## CABLE SENSOR

The TDR100 Sensor-Point is a revolutionary time domain reflectometer analyzer which uses co-axial cable as a "sensor" to pinpoint perimeter disturbances down to a 1 meter resolution.

### HIGH RESOLUTION

The SENSOR-POINT technology uses state of the art time-domain reflectometry to detect vibrations caused in your fence by a perimeter attack. Up to 2000 meters can be covered by a single analyzer.

*Multisys interface*

### ADVANCED SENSOR CABLE

The SENSOR-POINT Sensor Cable is processed inhouse making it the most sensitive Microphonic cable available. Ultra-violet resistant and robust, flexible stainless-steel conduit is also available. Same cable used as with legacy Flexiguard hardware for backwards compatibility.
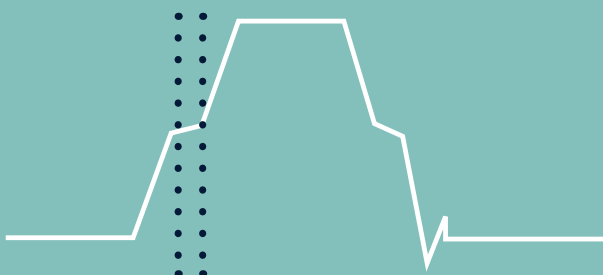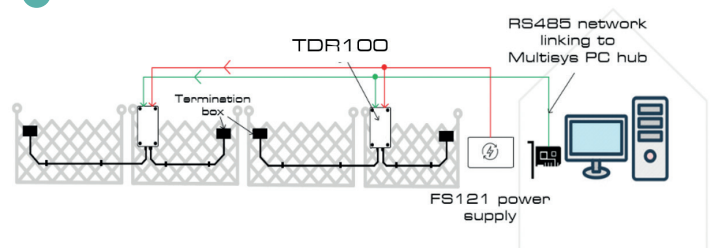
*Sensor Cable*

### ALARMS

Zones can be configured or shunted in the Multisys software in order that the end user can identify visually the location of an attack on their site.

### Reflected Pulse

### NETWORK READY

Using APS' proprietary RS485 protocol, TDR100 "nodes" can be daisy-chained in order to provide a complete network coverage for large sites. Can further be integrated with other APS hardware such as our range of Pulstar Electric Fencing and Flexiguard.

# TECHNICAL SPECIFICATIONS

## Product Numbers

| | |
|---|---|
| **MS102** Multisys Software Suite | **TDR-100** Time Domain Reflectometer Analyser |
| **FS120** DC Power Supply | **TDR-101** Clear View TDR Configuration Software |

## TDR100 Sensor-Point Cable Sensor

| | | |
|---|---|---|
| **Product Detail** | Fence Circuits | 1 |
| | Coverage | Up to 2000m per Analyzer |
| | Resolution | <1m |
| | Sensor cable | APS processed Co-ax |
| | Average power consumption | 8 watts |
| | Peak power consumption | 20 watts |
| | I/O | 2 outputs (dry relay) |
| | Max contact rating | 1A |
| | Connectivity | RS485 (Multisys), USB |
| **Minimum requirements** | Software | Multisys version 2, Windows |
| **Environmental** | Operating temperature | -20 to 75C |
| | Water resistance | IP65 |
| | Enclosure material | GRP |
| **Communications** | Comms speed | 9600 Baud |
| | Max bus distance | 1000 meters (further with optional repeaters) |
| | Cabling | 4 core shielded data cable (recommended) |
| **Dimensions** | Enclosure | 400 * 400 * 200 mm |
| **Compliance** | British standards and CPNI, ISO9001, CE. | |