



The FS30X series Analyzer is a security grade PIDS microphonic cable alarm system which can operate standalone or as part of a networked perimeter protection system.

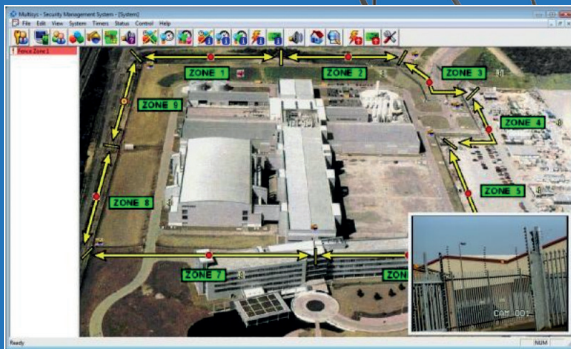


DUAL ZONES

Each Analyzer can cover 2 zones consisting of 300 meters of fencing each. Designed for deployment on chain link, weldmesh and palisade.



MS103 Handheld Programmer



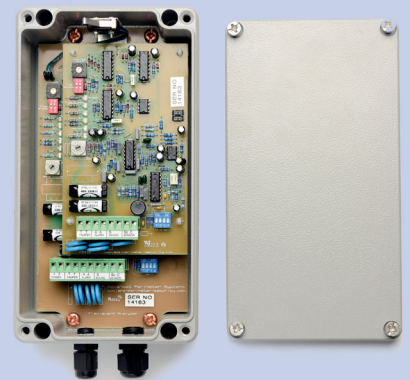
Multisys interface

ADVANCED SENSOR CABLE

The Flexiguard™ 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.



Stainless steel cable conduit



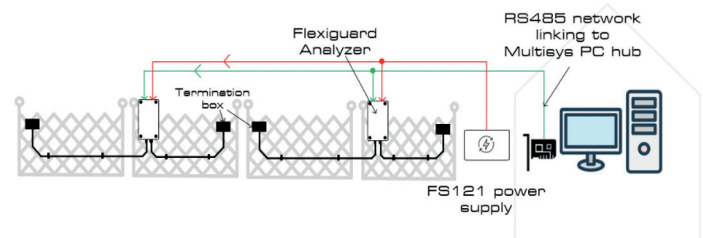
Robust IP65 rated enclosure for outdoor deployment.

ALARMS

The FS30X Analyzer generates alarms for a range of events. These include: Perimeter Breach, Cable damage and tamper. Dry relay contacts available for integration with alarm control panel.

NETWORK READY

Bespoke RS485 network link to a central Windows hub, for a fully integrated security solution, up to 254 network nodes supported.



TECHNICAL SPECIFICATIONS

Product Numbers

FS302 Dual Analyzer Multisys high security	FS301 Flexiguard Analyzer single zone	ES170 Explosives store Analyzer
FS120 DC power supply	MS102 Multisys software suite	
FS210 Sensor cable	MS103 Multisys Hand-held programmer	

FS30X Flexiguard Analyzer

Product Detail	Fence Circuits	1 or 2
	Alarms	Short/open, cut, climb, tamper. Configurable settings
	Alarm outputs	Multisys GUI, NC dry relay output
	Sensitivity	AEC environmental compensation
	Voltage requirements	15-30 volts DC supplied by FS121 PSU
	Average power consumption	0.5 watts
	Peak power consumption	1 watt
	I/O	2 * AUX alarm inputs, 2 outputs (dry relay)
	Max contact rating	250mA
	Max fence zone length	300 meters
Minimum requirements	Software	Multisys version 2
Optional backup battery	7Ah/12V DC	> 24 hours
Environmental	Operating temperature	-20 to 85C
	Water resistance	IP68 to BS5420, PCB conformally coated
	Enclosure material	Stainless steel
Communications	RS485 2 wire	Proprietary protocol
	Max bus distance	1000 meters (further with optional repeaters)
	Cabling	4 core shielded data cable (recommended)
Dimensions	Enclosure	220 * 120 * 80 mm
Compliance	British standards and CPNI, ISO9001, CE.	

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