

ADVANCED PERIMETER SYSTEMS

FLEXIGUARD VIBRATION - DETECTION SYSTEM

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



DETECT AN INTRUDER BEFORE THE INTRUSION



HIGHLY RELIABLE

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.



SOLAR POWER

The system has extremely low power consumption which makes it ideal for use with Solar Power. Allowing a more cost effective installation as it takes away the need for power cables.



ALARMS

The FS30X Analyzer generates alarms for a range of events. These include: Perimeter Breach, Cable damage and tamper. Wireless alarm solution available. Can be integrated into existing infrastructure.



A.E.C

Automatic Environmental Control is a feature built into the analyser that ensures no false alarms from environmental conditions such as wind, rain or even loose barbed wire on the fence.

WE CARE ABOUT YOUR SECURITY

- The Flexiguard system was used in 2008 to secure 14.2km of critical archaeological digging sites and linked with CCTV around the Pyramids of Egypt.
- Easy integration - integration can be done with any systems which can accept dry relay contacts



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SPECIFICATIONS

OPERATION	Microphonic Sensor cable picks up on vibrations on the fence line, the sensitivity settings are set appropriately for user requirements.
ZONES	2 zone per analyser
ALARMS	Sensor cable Short or open circuit, cut and tamper.
ALARM OUTPUTS	Dy relay contacts or Multisys
SENSITIVITY	User configurable - calibrated to the specific fence type
VOLTAGE REQUIREMENTS	12VDC
CABLE INSTALL HEIGHT	Detection is 1.5m each side of cable, install as required
AVERAGE POWER CONSUMPTION	0.5 watts
PEAK POWER CONSUMPTION	1 watt
MAX ZONE LEGNTH	300 meters / 984 feet
SENSOR CABLE	UV protected or armoured
OPTIONAL BATTERY BACKUP	3Ah/12VDC - 7Ah / 12VDC
SENSOR CABLE TYPE	Microphonic cable
OPERATING TEMPERATURE	-20 to +85 Degrees Celsius
WATER RESITANCE	IP65 to BS5420, PCB conformally coated
APPROVALS	BSIA, National Protective Security Authority (NPSA), Secure by Design, CE
CABLE REQUIREMENTS	standard control cable or data cable if using multisys
I/O	2 x AUX alarm inputs, 2 x alarm outputs (dry relay)
ENCLOSURE MATERIAL	stainless steel

TRAINING AND INSTALLATION

**WE OFFER TRAINING TO ENABLE YOUR TEAM TO
INSTALL THE SOLUTION INDEPENDENTLY.
ALTERNATIVELY, WE HAVE A GLOBAL NETWORK
OF TRUSTED INSTALLERS WHO CAN PROVIDE
INSTALLATION SUPPORT WHEREVER YOU NEED IT.**

