

FIBER OPTIC PERIMETER INTRUSION DETECTION SYSTEM[TWO ZONE]

Features:

- 19 inch 1U rack mountable design
- Optical connectors: FC/APC
- Two zone device
- Dry contact alarm output(NO/NC)
- TCP/IP interface



OPTICAL INTERFACE

Connector	FC/APC
Launched power for Z 1& Z2	-2.8~+0.6/+3~+5.5 (dBm)
Wavelength	1550 nm
Receive sensitivity	-20 (dBm)

ALARM OUTPUT INTERFACE

Output type	Contact closure output
Connector	phoenix terminal
Output number	2
Alarm responding time	<3 sec
Alarm relay time	From 1 sec~10sec, the default is 3 sec.
Relay contact rating	1A 30 V DC 0.5A 125 V AC

ETHERNET COMMUNICATION INTERFACE (EMU)

Connector	RJ45
Baud rate	19200 bps

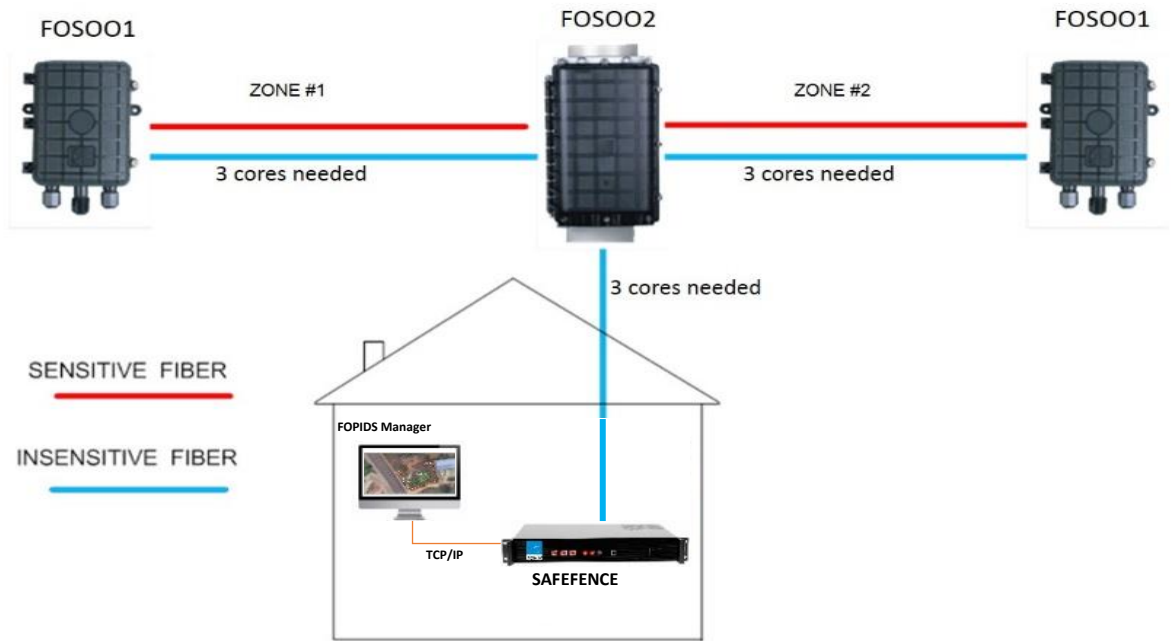
POWER AND TEMPERATURE

Power supply	AC 230V /+12VDC
Working temperature	-40~70°C

DEVICE SUMMARY

PART NUMBER	Description
FO-SaFE-2z-L-V.001	2 zone device

ZONE SPECIFICATION



Number of zone	2 zone per device	
Zone length	Dynamically variable till 1500m	
Deployment	Over ground	Underground
Scenarios	Fence, Walls	Under soil/concrete
Depth	Depends on height of fence /wall	1.5 feet below soil
Events Detected	Climbing Fence Cutting Fence Cutting Fiber Tampering fence/Wall Drilling wall	Digging Normal walking Running Drilling ground Excavations
Deployment Patterns	Parallel Lines Wave	Parallel Line Wave /Dolphin

SOFTWARE SPECIFICATIONS: Centralised Alarm Management Software

Device Interface	TCP/IP (Ethernet port- RJ45 connector)		
Alert information	1. Date of alarm 3. Zone of Alarm 5. Zone Info	2. Time of Alarm 4. Log info	
GUI	Region Map	Buzzer	LED
Alarm indication	1. Zone line blink indication (Green to Red)	2. Selected Voice/ sound alarm	
System requirement	<ul style="list-style-type: none"> Laptop/Personal Computer RJ45/Ethernet connectivity USB or RS232 connectivity (SMS linkage) Operating system: Windows 7 and above RAM : minimum 4 GB System type:64-bit operating system 		