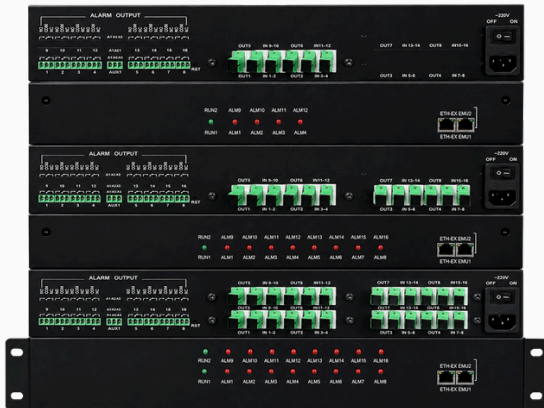


## Servility Zone Vibration Fiber Optic Intrusion Detector - 4/8/16 Zone

# SFP-CRD-Z4/8/16



### Detector

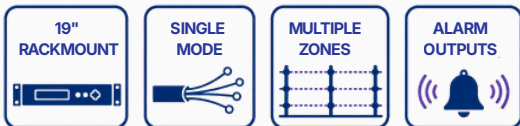
- 19" Rack Mount
- Single-mode fibre
- IP65
- Lightning & EMI immune
- Outdoor perimeter use

### Requirments

4 Zone = 4kms

8 Zone = 8kms

16 Zone = 16kms



Full-spectrum detection analyzes vibration signals across multiple frequencies to accurately distinguish intrusions from environmental interference. Intelligent learning automatically recognizes and filters interference patterns, reducing false alarms. With an optical cable service life of up to 20 years and a fully passive outdoor detection design, the system delivers reliable, low-maintenance protection while resisting lightning and electromagnetic interference. Flexible sensitivity settings and simple installation allow deployment on fences, walls, irregular perimeters, or underground for concealed protection. Ideal for airports, pipelines, railways, industrial facilities, prisons, utilities, residential estates, and campuses, the system also supports electronic maps, video linkage, alarm management, camera integration, and remote mobile APP control.

|         | SPECIFICATION            | 2 ZONE - 2Km          |
|---------|--------------------------|-----------------------|
| General | Power Supply             | AC 220V               |
| General | Laser Classification     | Class 1               |
| General | Operatin Temperature     | -40°C ~ 70°C          |
| General | Operating Humidity       | <95%, no condensation |
| General | Dimensions               | 437mm × 279mm × 81mm  |
| General | Installation Environment | On Perimeter          |



# SFP-CRD-Z4/8/16

|         | SPECIFICATION             |                       |
|---------|---------------------------|-----------------------|
| Product | System Type               | 4/8/16 Zone           |
| Product | System / Product          | Field Module          |
| Product | Head-End Model            | SFP-CRD-Z4/8/16       |
| Product | Software Model            | SFP-ED-4/8/16Z-SS     |
| Product | Field Terminal Device     | SFP-FTD-Z4/8/16       |
| Basic   | Number of Zones           | 4/8/16                |
| Basic   | Maximum System Coverage   | 4km/ 8km/ 16km        |
| Basic   | Maximum Distance per Zone | 1000 m                |
| Basic   | Fiber Type                | Single-mode Fiber     |
| Basic   | Zone / Sensing Fiber      | 4 core SM Fiber       |
| Basic   | Backbone Fiber            | 8/12/24 core SM Fiber |
| Basic   | Channel                   | 4/8/16                |
| Basic   | Positioning Accuracy      | Per Zone              |
| Basic   | Alarm Response Time       | <3s                   |
| Basic   | Protection                | IP65                  |

|           | SPECIFICATION                | Zone 4/8/16           |
|-----------|------------------------------|-----------------------|
| Function  | Alarm Triggers               | 4/8/16                |
| Function  | Alarm Relays NO/NC           | 4/8/16                |
| Function  | Detection Types              | Fiber Optic Vibration |
| Function  | Cut / Tamper Resilience      | Yes                   |
| Interface | Network Interface            | CAT6 / Ethernet       |
| Interface | Fiber Interface / Connection | APC                   |
| Interface | Alarm Output                 | Scalable              |
| Interface | Integration Protocol         | Yes                   |

