

# ZoneSentry™

## Perimeter Intrusion Detection System

### FRONT VIEW



### REAR VIEW



8 zone version shown in photos

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monitored | secured | safe



## ZONEENTRY SPECIFICATIONS

### MEASUREMENT AND OPERATING SPECIFICATIONS

Measurement Configuration	Loop measurement with Zone Activation Unit (ZOA)
Number of Zones	4 or 8 zone configuration
Connector Type	FC/APC
Optical Fiber Type	Single mode fiber compliant to ITU-T G.652
Measurement Range	1km per zone / 4km or 8km per unit Insensitive lead-in length up to 10km
Alert Types	Intrusion, fiber cut – single report per zone
Number of Alarm Logs	8,000 events
Response Time	<2 seconds

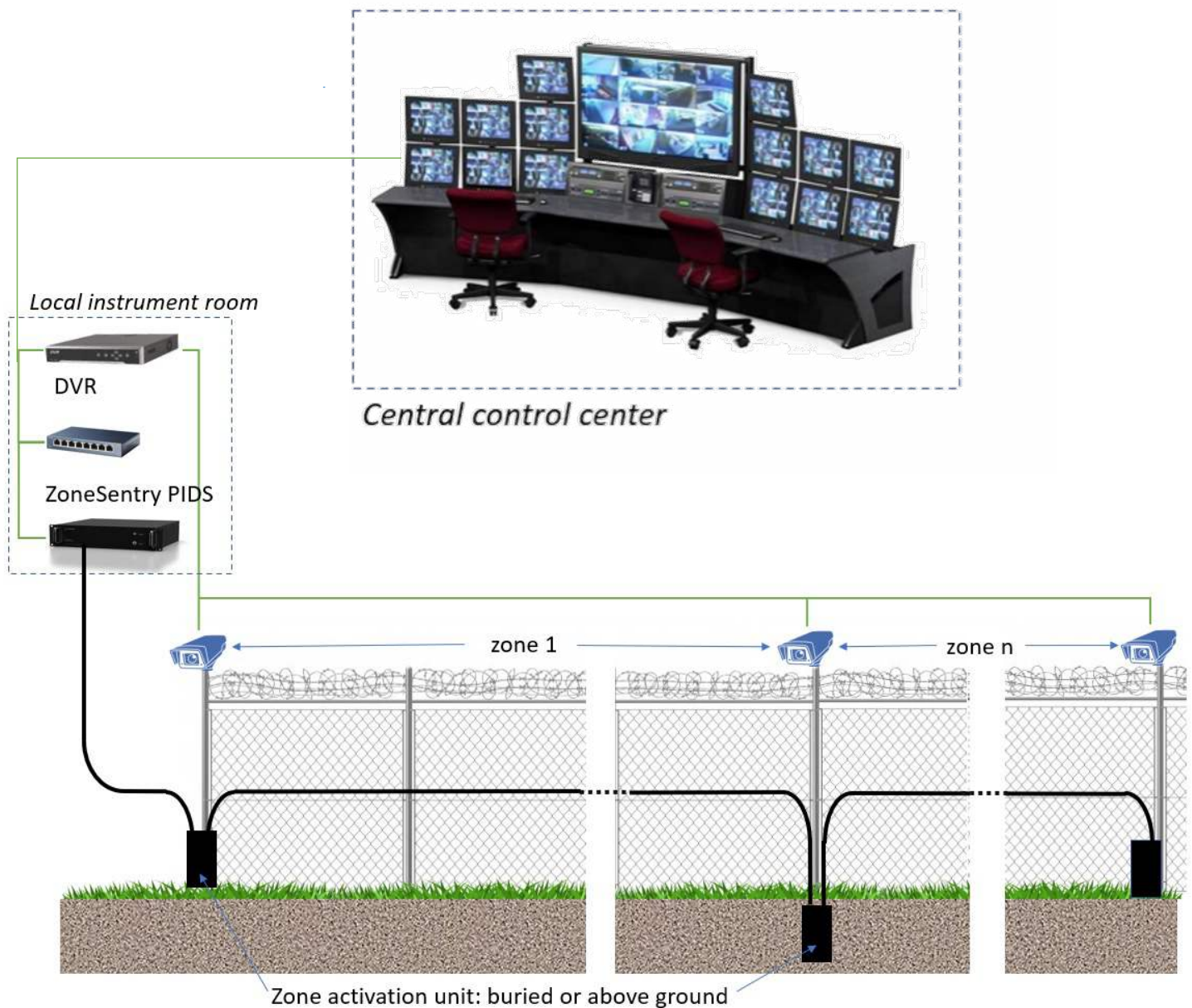
### PHYSICAL CHARACTERISTICS AND INTERFACES

Operating Voltage	12 / 24 V DC
Average Power Consumption	<5W (4 zones) <10 W (8 zones)
Operating (Storage) Temperature	-20°C ~ +70°C (-10°C ~ 85°C)
Operating Humidity	10% ~ 95% relative humidity
Laser Safety / Power	Class 1M
Form Fit	19" rack mounted (2U)
Weight	5.1kg
Shipping Weight	9.1kg
Dimensions	88 / 384 / 430 mm (H / W / D)
Shipping Dimensions	260 / 530 / 570 mm
Connectivity / System Interface	Electrical relay (10 or 18) / RJ45 / RS485 (Modbus RTU)
Part number(s)	DAS-ZS-03-01-4CH DAS-ZS-03-01-8CH
Standards & Approvals	CE Directive 2014/30/EU EN55032: 2015+A1: 2016, EN 55035:2017 EN61000-3-2: 2014. EN 61000-3-3: 2013 RoHS EC 2015/863 amending 2011/65/EU FCC Part 15, Subpart B, ANSI C63.4 – 2014 FDA Title 21, Part 1002 – Laser Products

The above specifications are provided as guidance only and cannot be guaranteed to be exact and Bandweaver will supply the equivalent or better

## SYSTEM INTEGRATION

The ZoneSentry™ is extremely versatile and can be implemented as a standalone system or integrated with commercial VMS and PSIM systems or Bandweaver's MaxView™ integration software.



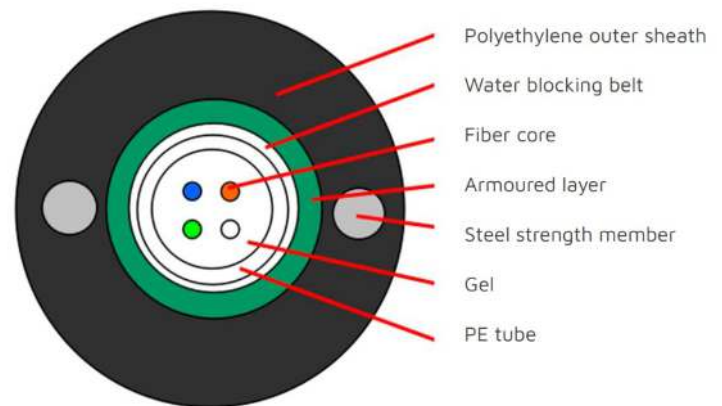
*System integrated with CCTV DVR system*

## SENSING CABLE SPECIFICATION

Bandweaver recommends the use of the FenceLine™ vibration sensing cable (see datasheet)

Installation of the cable should be carried out according to Bandweaver installation guidelines.

Please contact your Bandweaver representative for more details.



## RECOMMENDED ACCESSORIES

As standard, Bandweaver recommends the use of the following accessories when deploying the ZoneSentry™ Perimeter Intrusion Detection System.

DESCRIPTION	PART NO.	COMMENTS
Zone activation unit	FID-ZS-ZAU-01	Included with ZoneSentry unit. One activation component per zone
Buried field splice enclosure	FIDS-ZS-JB-01	Can be deployed below ground or above ground. Can be used to house zone activation component
Rackmount splice tray (4 zone or 8 zone variant)	FID-ZS-ST-04 Kit FID-ZS-ST-08 Kit	Used within the control room to connect the ZoneSentry to the sensing cable House within 19" rack
FenceLine Sensing cable	CAB-SM9_FS-08 CAB-SM9_FS-16	8 or 16 fiber cores as standard
UV resistant cable ties		Used to attach sensing cable to fence as per installation manual

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