Bandweaver

DATASHEET

# ZoneSentry™ Cable Demonstration Reel Kit

The ZoneSentry demonstration reel kit provides an excellent fully functional demo reel kit for easily mounting to fences and demonstrating the full range of detection capabilities of the ZoneSenty Perimeter Intrusion Detection Systems (PIDS). The demo kit is very versatile and can be used in a number of scenarios, including but not limited to:

- Product demonstration at client sites
- Temporary or semi-permanent installation at demo site
- For use at sales exhibitions and conferences
- Proof of Concept (POC) demonstrations

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## PRODUCT COMPONENTS

The ZoneSentry demonstration reel kit consists of 3 separate components for maximum versatility

### RUGGEDISED SENSING REEL

The sensing reel is the heart of the demo kit and is the active section that is installed on the fence. It is comprised of a 100m length of cable on a ruggedised reel. The reel contains the Zone Activation Unit and a Turnaround Splice Unit and connectors. All the operator needs to do is simply connect the patch cords to the reel and to the ZoneSentry control unit.

FRONT VIEW

FC-APC connectors

Cover plate over ZAU

SIDE VIEW

Turnaround Splice Unit

## RUGGEDISED CONNECTION REEL

The ruggedised connection reel is a 100m length of cable which connects the sensing reel to the ZoneSentry. This is often used when the ZoneSentry is situated at a distance from the fence and a connecting cable is required of upto 100m. For example for POC sites the ZoneSentry will often be located in the control room with the PSIM computer or other controllers/PC's *(note this is a connection reel only and is not sensitive to vibration).*

It is an easily deployable reel and so the patch cable can be run either simply laying on the ground or suspended or covered depending on the environment. The cable is a loose tube arrangement with an aramid protection making it suitable for most environments.

## 10 METER PATCH CORD

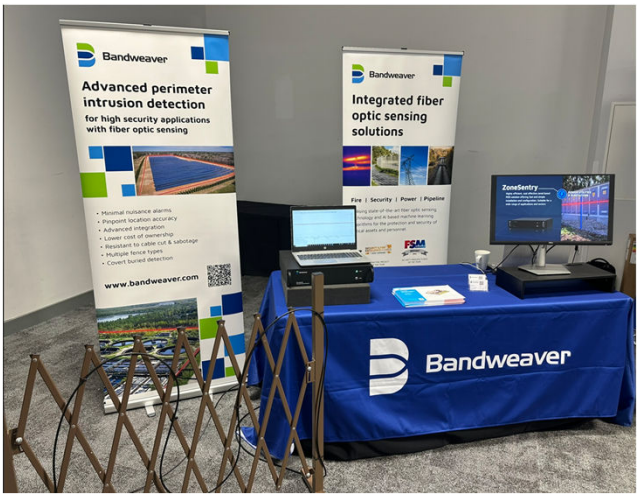
For shorter distances when the ZoneSentry is deployed in the field near the fence the shorter 10m patch cord can be used to connect the ZoneSentry to the ruggedised sensing reel.

RUGGEDISED CONNECTION REEL

10M PATCH CORD

## SPECIFICATIONS

| GENERAL | | | |
|---|---|---|---|
| **Part no.** | • ZoneSentry cable reel kit: *FID-ZS-Reelkit*<br>• 4 channels demo unit & cable reel kit: *DAS-ZS-03-001-4CH Demo kit*<br>• 8 channels demo unit & cable reel kit: *DAS-ZS-03-001-8CH Demo kit* | | |
| **Connectors** | 2 x FC/APC | | |
| **Cable OD** | 6.5mm | | |
| **Fiber type** | SMF-28 singlemode, 4 fibers | | |
| **Tensile strength of cable** | Long term: 200N | Short term 600N | |
| **Crush resistance** | Long term:100N/10cm | Short term 600N/10cm | |
| **Minimum bend radius** | Static: 10 x cable diameter<br>Dyanmic: 20 x cable diameter | | |
| **ENVIRONMENTAL CONDITIONS** | | | |
| **Operating temperature** | -40°C to +80°C | | |
| **Storage temperature** | -40°C to +80°C | | |
| **DIMENSIONS** | | | |
| **Shipping weight & dimensions** | **Item** | **Gross Weight (kg)** | **Dimensions (cm)** |
| | Sensing reel, | 23.5 | 51 x 41 x 53 |
| | Connection reel & patch cord | 22 | 51 x 41 x 53 |
| | Palletized Package | 56.5 | 102 x 51 x 66 |




*Example of ZoneSentry demo reel attached to expandable fence at security conference exhibiting ZoneSentry*

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