



TEST OSCILLATOR H00123

CONFIGURABLE CONTROL

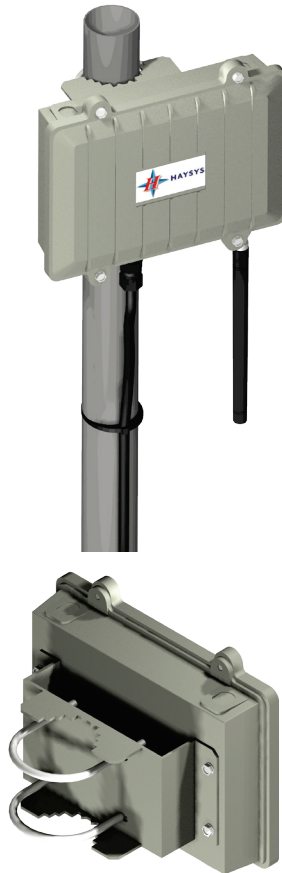
Control over the Test Oscillator can be obtained via numerous interface methods. Dependant on user requirements, the product can be controlled through custom interfaces.

MULTI-CHANNEL

Although the Test Oscillator has a fixed frequency range, the output frequency range can be customised for most application. This can vary from

SIMPLE INSTALLATION

A single Ethernet CAT5 cable is all that is required with mounting on a standard size pole.



- Multichannel RF Reference source
- Frequency and power output control over Ethernet
- Power Over Ethernet (PoE) to IEEE 802.3af
- Single CAT5 cable installation
- RF Power Level Detection and Feedback
- Integrates with the HAYSYS Direction Finding (DF) system.

The Test Oscillator unit is a programmable (over Ethernet) low power radio transmitter used in RF applications to confirm system operation.

Typical applications are Radio Direction Finding (RDF) systems where the Test Oscillator is positioned at a reference angle to the DF Antenna and when operated are used to provide the reference transmission from the reference bearing.

Pole Mounted industrial Die-Cast Aluminum Design rated to IP67.

Designed to withstand the toughest environments yet is a small lightweight and strong unit.

Can be mounted on poles up to 76.2mm in diameter.



Specification

RF Operating Frequency	108 to 137MHz (Other bands available)
RF Output	0.5mW to 4mW (selectable)
Channel Spacing	25 kHz or 8.33 kHz
RF Connector Type	N Type (Antenna supplied)
IP Rating	IP67
Operating Temperature Range	-20°C to +55°C
Size	200mm x 140mm x 45mm
Mounting	Max 76.2mm Pole with U-Bolts
Weight	1.5 Kgs
Interfaces	1 x RJ45 Connector

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