

SkyBeamTM

1000 SERIES

Wireless, Battery-Operated Radio Transmitter

MANAGING KNOWLEDGE FROM THE SENSOR TO THE BOARDROOM.

SkyBeam radio transmitters from Oseco reduce your costs for monitoring remote tanks, sensors and equipment by eliminating traditional power and data cabling. The rugged SkyBeam series is designed specifically to monitor industrial processes like yours. Using industry standard 4-20ma current loops, simple local connections can be made to your existing instrumentation. A built-in battery operated RF spread spectrum radio transmitter reliably reports any measurement at any time based on your unique application needs.

SkyBeam wireless data transmissions are locally transported to Oseco's SkyRamp Internet Gateway where they are received, stored, and forwarded to the Oseco SkyCenter for Internet access at anytime from anywhere. SkyBeam operates on long-life batteries that last three to five years based on interval observation. SkyBeam is fully compatible with Oseco's complete family of wireless Internet solutions.



FEATURES:

- ▶ RF Spread Spectrum Radio
- ▶ Up to 4 Isolated 4-20mA Connections
- ▶ Up to 4 Digital Inputs
- ▶ Pulse Counter
- ▶ One Signet Serial Bus
- ▶ Battery Powered
- ▶ Easy Installation

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Technical Specifications:

Enclosure	IPX5
Dimensions (L x W x D)	4" x 5" x 4"
Operating Temperature	-40 to 85°C -40 to 185°F
Relative Humidity	10 to 95%
Power	Battery: Lithium C, Life: 3-5 yrs *

Inputs	Four 4-20ma Loop (Sniffer) One Pulse Counter One Signet Serial Bus Four Digital Inputs
Radio	TX, 50mW, 928.58Mhz Spread Spectrum
Transmit Interval	Field Settable Min: 5mins, Max: 24hrs
Agency Approvals	UL, CSA, FCC Part 15

* Based on Transmit Interval and Loop Stabilization time

How it all integrates together:

