



## 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" × 5" × 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

<sup>\*</sup> Based on Transmit Interval and Loop Stabilization time

# How it all integrates together:



### SkyHopper

The SkyBeam
wireless radio
transmitter reports
sensor data to the
SkyRamp

## SkyBeam



#### SkyRamp

gateway consolidate virtually unlimited SkyBeam radio transmissions and routes them to the Oseco SkyCenter



#### SkyCenter

Our secure and seamless data center processes and stores mission-critical data for easy trending and analysis



Watch over your industrial processes at anytime from anywhere via the Internet.





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