

# SkyHopper™

## 2000 SERIES

## Wireless Radio Repeaters

### MANAGING KNOWLEDGE FROM THE SENSOR TO THE BOARDROOM.

**SkyHopper** wireless radio repeaters can expand the reach of your Oseco network to campus-wide environments. The rugged SkyHopper series is designed specifically to extend the wireless savings to multi-process, multi-building industrial processes like yours.

The **SkyHopper** connections are made using standard AC or DC Power, and a built-in RF spread spectrum radio transceiver that reliably captures process measurements from SkyBeam transmitters within range and relays them across large industrial environments. Multiple SkyHoppers can be used to further extend your Oseco network or to add redundant paths. SkyHopper is fully compatible with Oseco's complete family of wireless Internet solutions. SkyHoppers can help relay data transmissions from a virtually unlimited number of SkyBeam devices. Ensuring they are received, stored, and forwarded by Oseco's SkyRamp Internet gateway to Oseco's SkyCenter data center and ultimately to the Internet destination of your choice.



### FEATURES:

- ▶ Nema 4X Enclosure
- ▶ Single Configuration Port
- ▶ Low Voltage Status Indicator
- ▶ AC and DC Models Available
- ▶ Built-in Blackout/Brownout Protection
- ▶ Automatic Repeater Restart Protection
- ▶ Compatible with DC Solar Powered Systems
- ▶ Easy Installation

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### Technical Specifications:

<b>Enclosure</b>	NEMA-4X (IP65)
<b>Dimensions (L x W x D)</b>	SKHR-2002: 4.75" x 4.75" x 6.5" SKHR-2003: 4.75" x 4.75" x 5" SKHR-2004*: 4.75" x 4.75" x 5.5"
<b>Storage Temp. Operating Temp.</b>	-40 to 85°C, -40 to 185°F -20 to 70°C, -4 to 158°F
<b>Relative Humidity</b>	10 to 100%
<b>Power</b>	SKHR-2002: 120VAC @ 60mA SKHR-2003: 11-16VDC @ 200mA SKHR-2004*: 7.2VDC NiMH Rechargeable Battery Pack

<b>Blackout/Brownout</b>	SKHR-2002: Off: <7.5VDC (from AC supply) On: >10.0VDC (from AC supply)
	SKHR-2003: Off: <7.5VDC On: >10.0VDC
	SKHR-2004*: N/A (low battery indicator)
<b>Repeater Restart Protection</b>	Once Every 12Hrs Off time < 1.5 sec SKHR-2004*: N/A (On/Off switch)
<b>Radio</b>	TX/RX, 150mW, 928.58Mhz Spread Spectrum
<b>Configurations</b>	SkyWalker™ Compatible
<b>Agency Approvals</b>	UL, CSA, FCC

\* For use with either the SSK-2001 or SSK-2002 Site Survey Kits only

### How it all integrates together:

