SkyRamp™
4000 SERIES

Intelligent Internet Gateway

MANAGING KNOWLEDGE FROM THE SENSOR TO THE BOARDROOM.

SkyRamp Internet Gateway from Oseco helps you keep process measurement data current and process monitoring costs low. SkyRamp consolidates a virtually unlimited number of local radio data transmission from SkyBeam radio transmitters connected to sensors, and routes them in real-time, via the Internet, to your sensor database located in Oseco's SkyCenter data center. There you can view on-line sensor data at anytime from anywhere via the Internet. SkyRamp supports Internet connections and industry-standard TCP/IP routing using an Ethernet LAN, telephone line PPP dial-up, or wireless WAN connections.

SkyRamp operates on standard AC power, and is protected by a rugged Nema 4X enclosure. SkyRamp is built using popular industry standard hardware, software, and protocol standards, and is optimized for round-the-clock operation with Oseco's complete family of wireless Internet solutions.

FEATURES:

▶ RF Spread Spectrum Radio Transceiver

▶ TCP/IP Packet Encapsulation and Routing

▶ Receives Up to 255 Sensor Readings

▶ NEMA- 4X (IP65) Enclosure

▶ AC Power

▶ Various Data Center Communication Options

▶ Data Store-and-Forward Capability to Compensate For Wan Outages

▶ Fast Alarm Preprocessing
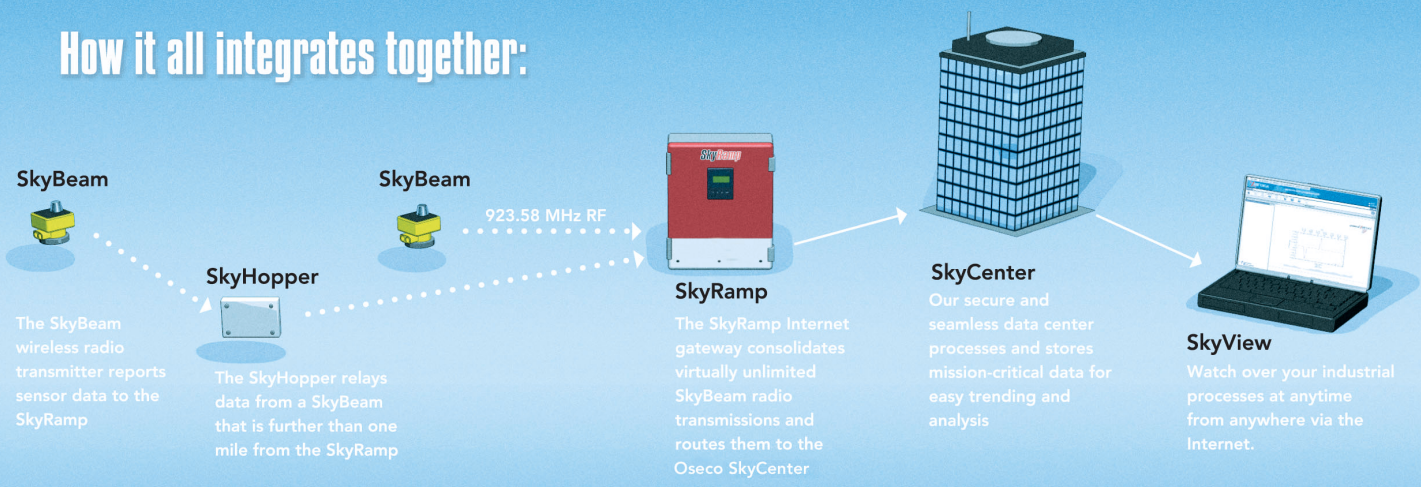
▶ Easy Installation

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Technical Specifications:

Enclosure	NEMA-4X (IP65)
Dimensions (L x W x D)	15" x 11" x 6.5"
Storage Temp.	-20 to 70°C, -4 to 158°F
Operating Temp.	-0 to 60°C, 32 to 140°F
Relative Humidity	10 to 95% (non-condensing)
Power	120VAC @ 1amp

Radio	TX/RX, 150mW, 928.58Mhz Spread Spectrum
Agency Approvals	UL, CSA, FCC

Available Products:	**Communications:**
SKRP-4001	Ethernet
SKRP-4002	Ethernet, Modem
SKRP-4003	Ethernet, Modem, Bell South

How it all integrates together:

SkyBeam

SkyBeam

923.58 MHz RF

SkyHopper

SkyRamp

SkyCenter

SkyView

The SkyBeam wireless radio transmitter reports sensor data to the SkyRamp

The SkyHopper relays data from a SkyBeam that is further than one mile from the SkyRamp

The SkyRamp Internet gateway consolidates virtually unlimited SkyBeam radio transmissions and routes them to the Oseco 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.

A
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