

CERENITI

DSGW-DataSense™ Gateway Receiver



Gateway Description

- Information is received by RF link from the 5 or 10 Year Data Sense Transmitters with a reception radius of up to 1 mile depending upon topography and location of the Gateway
- Use of Data Sense repeaters in conjunction with the Gateway Receiver provides for an extended coverage range of up to 2 Miles (topography dependent)
- System verifies information integrity and identifies unreasonable or erroneous messages
- The Gateway receiver provides the system with signal strength information and additional data facilitating comprehensive Radio Performance analysis at the DataSense Control Center

Features

- **We offer three separate options for our Gateway Systems.**
Each uses an Outbound Message, so that you do not need to configure the properties Router, and you do not need to establish a separate Static IP for each property.
 - LAN Based:**
Utilizes a local LAN TCP/IP Connection to Establish an IP connection
 - GPRS Based:**
Utilizes a cellular GSM/GPRS service to access the internet, the same way text messaging works.*
 - WIFI Based:**
Utilizes a Public WIFI 802.11 b/g access point to establish an IP connection.
- The Gateway Receiver transfers the Data via the Internet or cellular network to a static IP address. The data is back hauled on a real time basis via the public IP address to your Speed Net control software.
- Open architecture design facilitates interface to virtually any external management or billing system
- Optional link to any RS 232 data collection system

Technical Specifications

*Requires cellular data service plan, ask Cereniti for details

Power Supply	110/220 VAC 50/60 Hz / 12 VDC
Frequency	450-47- Mhz FCC Licensed
Power Configuration	0.6 Watts
Coverage	1 mile – 2 miles depending on site characteristics
Environment	Operating Tempertures -30 C to 60 C Storage Temertures -40 C to 70 C Relitive Humidity 95% w/o condensation IP-68 Water Proof
External Deminsions	6 x 4.3 in. (H/W/D) / weight .055 lbs.



Cereniti Data Sense Networks

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