

# John Deere Connectivity Family Satellite Gateway

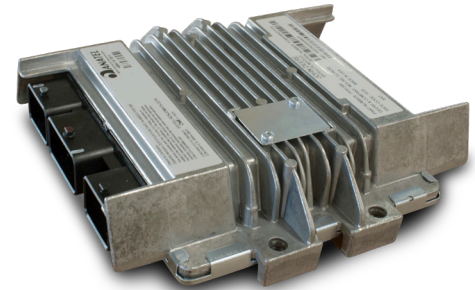


**JOHN DEERE**

## Summary

Even in the most extreme jobsite environments, the Satellite Gateway transmits and receives data critical to your equipment performance in locations with limited or no cellular service.

The module is designed and tested to withstand extreme temperature, vibration, shock, and moisture conditions. Working over a proven, reliable satellite network via short burst data service, the Satellite Gateway communicates over an RS232 connection to external electronic modules, such as an R- or M-Modem. The module's integrated satellite transceiver is enhanced by the addition of power conditioning and transient protection.



## Features of the product family:

- Machine health monitoring
- Remote diagnostics and repair
- Advanced logistics
- Machine control
- Meets EIA/TIA-232 standards

Operational	Satellite Gateway
System Voltage	12V/24V
Antenna Connector*	Molex TNC 73216-2120
Machine Interface Connector	Molex 64335-1021
Communications and I/O	
Vehicle Communications	1x Serial Port 1x Wake Input
Satellite Transceiver	Quake QLOCATE
Baud Rate	9,600 – 19,200 bps
Onboard Features and User Interface	
LED Indicators	1x Power 1x Satellite Network Available
Environmental	
Operating Temperature	-40°C to 85°C
Sealing	IP67
Mechanical	
Dimensions	213 x 188 x 51
Regulatory	
	FCC, RED, IFETEL, ANATEL, CONATEL, Argentina, Australia

\*50 ohm passive antenna required