

			
Model Name	GLink-WL831D	GLink-WL931D	GLink-WLX31D
Specifications			
Frequency	868 MHz (EU ISM)	915 MHz (USA ISM)	860 - 930 MHz (custom)
Transmission Technique	Frequency Hopping Spread Spectrum (16 channel)	Frequency Hopping Spread Spectrum (64 channel)	Frequency Hopping Spread Spectrum
Transmission Range	Up to 200 meters Line-of-Sight, with tag	Up to 150 meters Line-of-Sight, with tag	Up to 200 meters Line-of-Sight, with tag
Standards	EN 300-220; EN 301 489	FCC Part 15: 2006	EN 300-220; EN 301 489, FCC Part 15: 2006
Certifications/Declarations	CE, RoHS, WEEE	RoHS, WEEE, FCC ID Pending	FCC, CE, RoHS, WEEE

Product Description: Compact Flash Type II reader module for handhelds. WLX31D supports custom frequencies between 860 MHz to 930 MHz.

GENERAL PRODUCT FEATURES

Environmental Characteristics

- Operating Temperature: -10°C to +70°C
- Storage Temperature: -20°C to +85°C
- Humidity: 5% to 90% (non-condensing)

RF Specification

- Transmission Range: 50-500 meters Line-of-Sight.
- Transmission Power: Maximum 14 dBm.
- Modulation: GFSK.
- Data Rate: 19.2 Kbps over the air.
- Sensitivity: Maximum -107 dBm.
- Tag Compatibility: GTag.

Operating System Support: Microsoft Windows 2000, WIndows XP Professional, Windows CE .NET 4.0/4.2/5.0, Windows Mobile.
Application Support: Available sample applications (including source code) and .NET libraries for integration. Pending Java support. Module appears as a serial port device.

Functional Features

- Transmission Power: Configurable over-the-air using API/messaging protocol with 15 levels.
- Radio Range: Extreme long range which can be controlled through transmission power.
- Network Infrastructure: Uses wireless relay hops to reach data collector or PC. Eliminates wiring between access points.
- Power Source: Compact Flash II Standard (3.3 V and 5 V) supplied from handheld.
- Interfaces: Compact Flash II Standard Interface.

Physical Specifications

- Dimensions (LxWxD): 60x43x4.8 mm.
- Weight: 40 grams; 1.41 ounces.
- Suggested Mounting: Compact Flash II Slot (on handheld).
- LED indicates activity.

All about Wavenis: ultra low power and long range wireless technology at www.wavenis.com



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