clare

Hardwired Zone Input Module
CS-HWT-10

The Clare Hardwired Zone Input Module enables existing wired security sensors to communicate with the Clare Security Panel. The module is universal, allowing it to use any existing hardwired zone.

- Converts hardwired zones into wireless signals
- 8 hardware loops with end-of-line resistor detection
- Transmit diversity for long reliable range
- Complete supervision of zone tampers and low battery

Technical Specifications

General	
Housing Dimensions	8.5 x 5.0 x 1.3" (21.6 x 12.7 x 3.3cm)
Weight (with battery)	16oz (453.6 grams)
Tamper Activation	Cover opening
Mounting Screws	#4 or #5 (not included)

Environmental	
Operating Temperature	32° to 120°F (-0° to 49°C)
Storage Temperature	-4° to 86°F (-20° to 30°C), long-term
Maximum Humidity	85% non-condensing relative humidity

Electrical	
12VDC Output	10.2VDC to 13VDC, 150mA max (80mA max for UL installations)
Power Transformer Input Output Part Number	 100-240VAC 50/60Hz 0.5A 12VDC 1A RE012-6
Battery Specifications Part Number Trickle Charge Fast Charge	 6VDC 800mAh NiMH RE303 8mA 32mA

Wireless Radio	
RF Frequency	319.5MHz, 433.92MHz

Zones	
Supported Types Powered Zones Non-Powered Zones	 4-wire devices only NC (normal closed) or NO (normal open)
Battery Backup Powered Zones Non-Powered Zones	 4 hours minimum at 80mA 24 hours minimum
Battery Backup Powered Zones Non-Powered Zones	 4 hours minimum at 80mA 24 hours minimum
Zone End of Line Resistor NC - No tamper detect NC - Tamper detect NO - No tamper detect NO - Tamper detect	 None (short) 750 ohm to 15k ohm None (open) 750 ohm to 15k ohm
Zone Wire Length	1000 ft max
Zone Wire Gauge	22 AWG min

Certifications	
ETL Listings	UL 1023, ORID-C1023-1974
Other	FCC, IC