



SPEC SHEET

McRoberts Wireless Receiver SKU: MWR-100

APPLICATIONS USED IN:

- MyChild
- AssetWatch
- StaffWatch
- WanderWatch

OVERVIEW:

The McRoberts Wireless Receiver captures tag transmissions to facilitate patient, asset and staff tracking, and provides low battery and tamper notifications. Powered from standard outlets, it is an ETL-listed* receiver that transmits tag data to the server using a facility's standard Wi-Fi.

FEATURES:

- Stand-alone devices receive tag signals and communicate tag information over facility's existing, standard Wi-Fi infrastructure.
- Powered by three-pronged wall socket with ETL-listed* through-socket for other uses.
- MAC address enables customer to determine Wi-Fi service grade.
- Receiver coverage customizable to desired location granularity; affordable room-level location, if desired.
- Measured and monitored tag signal strength data (RSSI) refine location received from devices.
- Devices are constantly monitored and send time and status messages to server continually.
- Accessible remotely for troubleshooting and remote reset, if needed.
- Over The Air (OTA) communication used for updating of passwords and firmware updates.

SPECIFICATIONS:

Operating Temperature:	32°F (0°C) to 150° (65.5°C)
Relative Humidity:	90% non-condensing
Dimensions:	4" x 2.2" x 2.8" (101mm x 68mm x 71mm)
Weight:	6.2 oz (175 g)
Voltage:	110 VAC 50/60 Hz
Current:	0.3 Amps
Max Pass-Through Current:	8 Amps
Network Security:	WPA2; WPA2-Enterprise

Operating Frequencies

Tag Data Frequency:	433.92 MHz
Wireless Frequency:	2.4GHz channel selection - automatic
Wireless Standards:	802.11: b/g/n and 802.1X

REGULATORY

FCC Meets or Exceeds:
47CFR Part 15 Subpart B: 2020
Telecommunication, Radio
Frequency Devices

ICES-003: 2016 Device
Information Technology
Equipment (Including Digital
Apparatus)

Contains FCC IDs:
2AC7ZESAPWROOM02
and HSW2832

ETL: ID 5021867