



Voyager Radio Data Wand

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Description

Radio Zone and iButton™ data logger.

The Voyager Radio Data Wand uniquely provides both point and zone attendance verification.

A user carries this data wand and can touch it onto Dallas iButtons™ or simply pass within the radio zones from Voyager Pulsar transmitters.

This new generation data wand reads conventional iButton™ industry standard identification buttons and includes a UHF radio transceiver that will receive Voyager Pulsar identification radio signals.

Data is date and time stamp logged into its internal memory.

Convenient and portable data extraction is done using the XL Memory Unloader.

A rechargeable battery provides approx 40 hours use from a full charge.



Application

Risk Management. Attendance Verification.

Point attendance verification is often required in security guarding applications where precise location of a staff member is required. Typical applications for this are door and entrance checks.

Zone attendance verification is ideal for risk management applications where a staff member is logged when in an area (such as a food court or a mall or a car-park). All the user must do is pass through a Pulsar radio zone and the entry and exit times through the zone are logged.

Benefits

Simplicity. More data. Less effort.

The ability to read conventional commonly used iButtons™ as well as log signals from Voyager Pulsar units provides great flexibility.

The radio Zone logging is ideal for applications requiring frequent attendance logging such as a patrolling cleaner or security guard in a demanding retail environment.

The most significant benefits of radio zone logging come from increased productivity as well as the greater amount of data collected - all without user intervention.

Indicators

Data led flashes on each valid data signal received from a Voyager Pulsar transmitter.

Data led flashes on successful iButton™ reads.

Fault led flashes on faulty iButton™ reads or if battery is low.

Operation

Charging

Battery operation life from a fully charged new battery is approximately 40 hours.

Charging is recommended daily for approx 6 hours.

Specifications

Readings	4095
Battery Life	40 hrs approx
Recharge Time	Approx 8 hrs
iButton™ read	DS1990A
Radio Freq	433.92mHz
Real Time Clock	Dedicated chip.

Subject to change without notice.

Radio data streams use secure proprietary formats.