

Intelligent Library System® Portable Reader



- Lightweight, ergonomic design**
- Industry-leading read range**
- Mobile check-in and check-out capabilities**
- Plug-and-play PPT connectivity**
- Compatibility with Checkpoint's RFID MicroChip Tags and ISO RFID Tags**
- Support for inventory and search capabilities**

A key component of Checkpoint's Intelligent Library System® (ILS), the Portable Reader streamlines inventory processes RFID-based tags quickly and efficiently. Representing the leading edge in passive RFID reader technology, this lightweight, hand-held sensing unit combines convenience with versatility and provides advanced capabilities for:

- Locating mis-shelved volumes
- Fast, efficient inventory
- Individual item searches
- Mobile check-in/check-out
- Weeding out materials

Designed for maximum ease of use

The Portable Reader enables fast, efficient and accurate inventory of library materials.

- Sophisticated antenna design and electronics deliver the highest read range for passive 13.56 MHz tags of any portable reader available.
- Ergonomic design minimizes wrist strain and allows hours of comfortable use.
- Multiple LED's indicate power "on", "tag being read" and "low battery".
- Anti-collision capability allows system to read up to 20 items per second.
- Industry-standard portable data terminal lets you upload or download data from the circulation database, providing both inventory and search capabilities.



The Portable Reader streamlines inventory processes by letting you capture book information with the wave of a hand.

Intelligent Library System® Portable Reader

Specifications:

Mechanical

Enclosure: Custom, high-impact UL-rated ABS plastic

Threaded insert for extension pole

Indicators: Green LED; power on
Red LED; flashes on tag read

Amber LED; low battery indicator

Weight: 22 oz. (0.6 kg)

Electrical

Read range:

8" to 12" with a 2.1" x 2.1" RFID Tag
(203.2mm to 304.8mm with a
53.3mm x 53.3mm RFID Tag)

Anticollision: up to 20 RFID Tags/second

Battery: 11.2V Li Ion, 1.4 A-Hr, rechargeable

Operating time: Battery power lasts up to
4 hours before requiring a recharge.

To extend operating time, the portable reader
can automatically revert to a "power save" mode
if it has not read any RFID tags for a
configurable time period.

Transmitter: Single-ended E Class, Xtal Osc
< +/-100 ppm stability

Power output: 100 mW – 1 W adjustable

Interfaces

RS-232 Serial, 8,N,1, no Flow Control

RJ41 connector

Selectable Baud rates:

9600, 19.2K, 28.8K, 38.4K

Environmental

Operating temperature:

32°F to 122°F (0°C to 50°C)

Storage temperature:

-4°F to 140°F (-20°C to 60°C)

Drop/shock: 3-axis, 4-foot drop test to concrete

Operating humidity: 5% to 95%, non condensing

Regulatory

Emissions: FCC Part 15

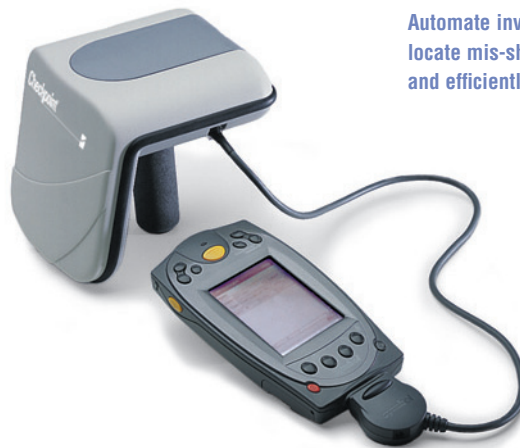
Tag Compatibility

RFID MicroChip Tag

RFID ISO Open Tag

Make a smart move to RFID—with the Intelligent Library System®

Based on Checkpoint's extensive expertise in RF technology and library operations, the Intelligent Library System provides an easy-to-use, high-functionality solution that enhances library processes—security, check-out, return and inventory—by increasing efficiency, accuracy and speed, freeing library staff to provide greater customer service. Like all Intelligent Library System components, the Portable Reader is designed to provide exceptional performance at a reasonable price.



Automate inventory counts and
locate mis-shelved items fast
and efficiently.

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3M

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