1D/2D Handheld Barcode Reader with HF RFID

JADAK’s Flexpoint HS-1R handheld scanner integrates 1D and 2D barcode scanning with RFID reading and writing functionality in a single, ergonomic, and compact design. Comprised of medical grade materials, the HS-1R combines dual technologies for many healthcare applications, including: patient identification, provider/nurse login and identification, pharmaceutical/drug inventory tracking, and digital signature capture. HS-1R can help reduce medical errors, increase workflow, and improve patient satisfaction when integrated into a medical system.

As with all JADAK products, the HS-1R can be tailored to meet specific customer requirements.

The Flexpoint family of scanners includes Barcode, MRI compatible and wireless Bluetooth versions.

Applications:

- Healthcare and Hospital Applications, including Patient or Medication Tracking
- Medical Carts, Intravenous (IV) Poles
- Mountable on Desktop Computers or Walls
- Inventory Tracking, Access Control
- Supply Chain Authentication
- Check-out, Point-of-Sale
Flexpoint™ HS-1R

RFID Tag Compatibility

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**RF**

- **RF Frequency:** 13.56MHz
- **RF Data Rate:** 26kbps ISO15693, 106K to 848K bps ISO14443
- **RF Power:** RF Power: 120mW nominal
- **Antenna:** Internal antenna
- **Read Range:** Contact to 1.0”+ (Tag dependent)

**Scanning**

- **Light Source:** Red LED Illumination
- **Rotational Sensitivity:** 360 Degrees
- **Min X Dimension:** .017 mm (6.6 mils)
- **Reading Distance:** Up to 22.6cm (8.9 in) (This assumes a 13mil bar code element)
- **Ambient:** Total Darkness to 100,000 Lux (Sunlight)
- **Symbologies - 2D:** PDF417, MicroPDF417, Maxicode, Data Matrix, QR Code, Aztec, Aztec Mesa, Code 49, UCC Composite
- **Linear:** Code 39, Code 128, Codabar, UPC, EAN, Interleaved 2 of 5, Reduced Space Symbology, Code 93, Codablock
- **OCR Fonts:** OCR-A and OCR-B

**Electrical**

- **Communications:** USB (Keyboard or COMM Port)
- **Power Supply:** 5VDC +/- 5%
- **Scanning Current:** 500mA max.
- **Idle Current:** 100mA
- **Agency:** FCC Class B, Industrie Canada (IC), ETSI EN 300 330 V2.1.1, RED 2014/53/EU

**Environmental**

- **Operating Temp.:** 32° F to 122° F (0° to 50°C)
- **Relative Humidity:** 95% RH non-condensing, at +50°C
- **Agency:** RoHS and WEEE Compliant
- **Environmental Sealing:** IP54 Sealed Housing
- **Recommended Cleaning:** Sani-Cloth® HB, Sani-Cloth® Plus, Super Sani-Cloth®, Isopropyl Alcohol Wipes (70%), Cavi-Wipes, Betadine®, 409®, Windex® Blue, Hydrogen Peroxide (3%), Clorox® Bleach, Gentle Dish Soap and Water

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**ABOUT JADAK:**

JADAK, a business unit of Novanta, is a market leader in machine vision, RFID, barcode, printing, and color and light measurement products and services for original equipment manufacturers. The company designs and manufactures embedded detection and analysis solutions that help customers solve unique inspection, tracking, scanning and documenting. The company is ISO 9001 and ISO 13485 registered.

Novanta is a trusted technology partner to OEMs in the medical and advanced industrial technology markets, with deep proprietary expertise in photonics, vision and precision motion technologies.

www.jadaktech.com