



L: 108.2mm; W: 51.33mm; H: 33.4mm

Features & Benefits:

- RFID Read/Write Capabilities
- Compact, Ergonomic and Flexible Design
- Manufactured with Medical Grade Plastics and Sealed Housing for Easy and Thorough Cleaning
- Programmable to Provide Visual, Audio and Tactile Feedback
- Outstanding Performance on Hard to Read Barcodes

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



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Flexpoint™ HS-1R

RFID Tag Compatibility	
Technology	Notes
ISO 14443A	NTAG 203
ISO 15693	Texas Instruments
NXP Mifare	(Identive) Mifare Classic
ISO 14443A	(Identive) Topza 512
ISO 14443A	(Identive) My-d NFC SLE 66R32P
Sony Felica	(Identive) FeliCa Lite S
ISO 14443A	Mifare Ultralight C
ISO 15693	Icode SLI
ISO 14443A	Mifare Desfire EV1* UID only
ISO 18000-3 Mode 3	
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 Solutions:	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
All specifications subject to change without notice.	

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

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