



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

Features & Benefits:

- Cordless Bluetooth-Enabled
- HF RFID Read/Write Capabilities and Barcode Scanning
- 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

Wireless Handheld HF RFID & 2D Barcode Reader

JADAK's Flexpoint™ HS-2R is the first wireless/Bluetooth 1D/2D barcode scanner and High Frequency (HF) RFID reader designed specifically for use in healthcare and medical environments.

In addition to reading all popular linear (1D) and matrix (2D) barcodes, the dual-functional Flexpoint HS-2R can read and write to HF RFID tags (13.56MHz) and supports a wide range of HF standards.

The highly-durable design of the Flexpoint HS-2R protects the device in demanding medical applications where exposure to liquid and drops to hard hospital floors are common. Also, the HS-2R's medical-grade housing allows frequent cleanings with harsh cleansing solutions for germ-free use and without fear of plastic degradation.

Applications:

- Healthcare and Hospital Applications, including Patient or Medication Tracking
- Blood Tracking
- Point of Care
- Drug Inventory
- Reagent Scanning
- Surgical Part 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-2R

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°
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:	200 – 400mA (based on battery charge level)
Agency:	FCC Class B, Industry Canada (IC), ETSI EN 300 330 V2.1.1, RED 2014/53/EU, CE
Environmental	
Operating Temp.:	0° to 40°C (32° to 104°F)
Relative Humidity:	95% RH non-condensing, at +40°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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