

# flexpoint™ HS-1R

## Product Overview

The HS-1R handheld scanner integrates 1D and 2D barcode scanning with RFID reading and writing functionality all in an ergonomic and compact design that is comprised of medical grade materials. With dual technologies the HS-1R is sure to be an integral part of many healthcare applications, including: patient identification via wristband scanning, nurse/security login via badge scanning, and pharmaceutical applications including drug inventory tracking and digital signature capture using the HS-1R built in camera modes. As part of a medical system, the HS-1R can help reduce medical errors, increase workflow, and improve patient satisfaction.



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

- *Small Size, Large Convenience*

Puts flexible scanning securely into the hands of every medical technician

- *Medical Grade Materials*

Compatible with medical cleaning solvents and solutions

- *Safety Feedback Systems*

Provides clear, accurate, real-time feedback to the user  
(Configurable led, vibrate, and audible feedback feature)

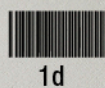
- *Powered by imaging technology*

- Compatible with current and future healthcare bar codes
- Ergonomic scanning with safe illumination
- Improved scan performance on damaged bar codes

- *Outstanding Reliability*

- *Specially Designed for Medical Applications*

- *Flexibility, Now and for the Future*



Paperless  
Documentation



**JADAK®**  
visionary thinking



## RFID Tag Compatibility

## flexpoint™ HS-1R Specifications

Technology	Notes
ISO 14443A	NTAG 203
ISO 15693	Texas Instruments
NXP Mifare	(Identive) Mifare Classic
ISO 14443A	(Identive) Topaz 512
ISO 14443A	(Identive) My-d NFC SLE 66R32P
Sony Felica	(Identive) FelCa Lite S
ISO 14443A	Mifare Ultralight C
ISO 15693	Icode SLI
ISO 14443A	Mifare Desfire EV1*
ISO 18000-3 Mode 3	

\* UID only. Encrypted tags will be available on future versions.  
Contact JADAK for more information

## 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

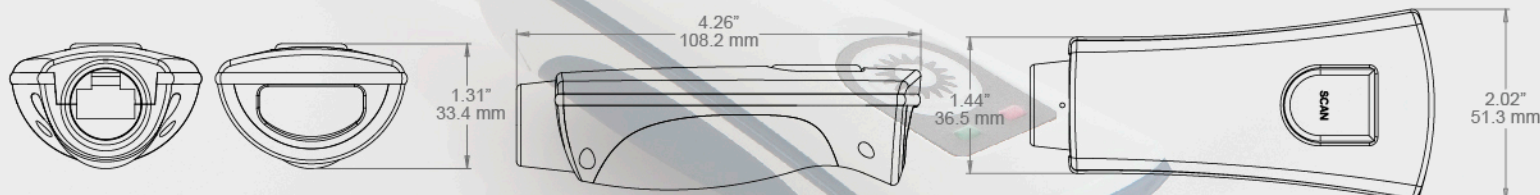
Light Source: \_\_\_\_\_ Red LED Illumination  
Rotational Sensitivity: \_\_\_\_\_ 360 Degrees  
Min X Dimension: \_\_\_\_\_ .017 mm (6.6 mils)  
Reading Distance: \_\_\_\_\_ Up to 22.6cm (8.9 in) (This assumes a 13mil bar code element)  
Ambient: \_\_\_\_\_ Total Darkness to 100,000 Lux (Sunlight)  
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, CE

## Environmental

Operating Temperature: \_\_\_\_\_ 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 specs subject to change - Rev. 2.0



ISO 9001 : 2008  
REGISTERED FIRM

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