



# **Hardware and Hospital Kiosk Procurement for private empanelled Hospitals**

## 1. Finger Print Scanner:-

**Model:** - MFM220U Fingerprint USB (PC) Based Reader

### Specification:-

Sr.No.	Items	Descriptions
1.	<b>Sensors</b>	CMOS sensor
2.	<b>Scanning Speed</b>	1/15 second
3.	<b>Image Resolution</b>	500 dpi (H), 500 dpi (V) (600 dpi optional)
4.	<b>Image Capture Area</b> <b>Platen Area</b>	15.44 × 17.475 (in mm) (H*V) 16.5 x 19 (in mm) (HxV)
5.	<b>Scanner Output Image Size</b>	304 * 344 pixels (H * V)
6.	<b>Gray Level</b>	8 bits/pixel, max 256 gray scales
7.	<b>Image Ratio of Length to Width</b>	1:1
8.	<b>Scanner Interface Cable</b>	Standard USB compliant cable
9.	<b>Power Supply</b>	1 Watt Approx. (From USB port) (200mA, Approx, Standby: 60mA)
10.	<b>Minimum Hardware Requirement</b>	P3 800MHz CPU or up,256 MB,USB2.0
11.	<b>Dimension</b>	80mm(L) x 41mm(M) x 40mm(H)
12.	<b>Weight</b>	100g (approx)
13.	<b>Distortion</b>	<1% Meeting PIV specifications
14.	<b>Temperature, ESD</b>	-5o ~ 45o C, 10 KV
15.	<b>MTBF</b>	>100000 operating hours
16.	<b>Modulation Transfer Function</b>	0.4 at 10 cycle/mm
17.	<b>Scanning Light Source</b>	Ultra Red (940 nm) capable of support more than 600dpi
18.	<b>Live Scan Capability</b>	Live Skin Sensing (with ultra red scanning, beneath skin, Optional)
19.	<b>API, (ISO19794-2/ISO19794-4 and FIPS 201* Compliant, Minex Certified)</b>	Image Capture , Enrollment / Template Generating, Matching
20.	<b>Minutia Size</b>	< 1K bytes
21.	<b>Matching Speed</b>	Less than 1 second
22.	<b>False Rejection Rate (FRR)</b>	1/100 ~ 1/30
23.	<b>False Acceptance Rate (FAR)</b>	1/100,000 ~ 1/1000,000
24.	<b>Allowable Fingerprint Rotation</b>	± 30°
25.	<b>Allowable Fingerprint Displacement</b>	± 5 mm
26.	<b>Software Platform</b>	Windows2000/2003/XP/XP/Vista/7(32bit and 64bit), Linux with kernel 2.6 (x86); WinCE5.0 (x86 and Arm9), Android

### Reference Performance: on Mobile or Handheld platforms:-

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<b>Biometric Performance</b>	<b>FM220(X86) typical</b>	<b>FM220 Low Bar (ARM9-200MHz)</b>	<b>FM220 High Bar (ARM11-800MHz)</b>
Finger placement to image	0.2	0.77	TBD
Finger placement to template	0.8	0.79	TBD
Finger placement to 1:N identification	1.0 sec* (1,000users)	1.89 sec** (600users)	TBD***
Interoperability	MINEX, ANSI 378, ISO 19794-2:2005, ANSI 381, ISO 19794-4:2005, NFIQ compliant	ditto	Ditto
Interface	USB2.0	USB2.0	USB2.0

\*Optimized to AMD Geode LX 800MHz CPU - WinCE 5.0 application, or Comparable Intel CPU

\*\* optimized for ARM 9 200 MHz, \*\* (ARM9 (Nuvoton 200MHz)

\*\*\*ARM11-base (SamSung S3C6410 800MHz CPU) evaluation undergoing.

### **Rates:-**

<b>Description</b>	<b>Description Unit Rate INR</b>	<b>VAT @ 5%</b>	<b>Total INR</b>
FM220U Fingerprint USB (PC) Based Reader	4,380.00	219.00	4,599.00

### **Order to be placed on:-**

Access Computech Pvt. Ltd.  
504/6, GIDC Industrial Estate Makarpura,  
Vadodara – 390 010, Gujarat, India.  
Contact Person: Sabhajeet Singh  
Mobile No.: +91-9327239565  
Email: [sabhajeet@acpl.ind.in](mailto:sabhajeet@acpl.ind.in)

### **Service & Support:-**

Contact Person: Pratik Shah/Nitin Patel

Mobile No.: +91-9327089565 / 9328303565

Email: [service@acpl.ind.in](mailto:service@acpl.ind.in)

## 2. 2D Barcode Reader:-

**Model:** - Honeywell Xenon 1900

### **Specification:-**

Item	Description of Requirement
<b>Technical Specifications</b>	
Scanning Technology:	Area Imager (838 x 640 pixel array)
Decode Capability:	ALL 1D & 2D barcodes including QR Code
Light Source:	0 to 100,000 lux (9,290 foot-candles)
Read confirmation:	By beep and visually on product
Print contrast:	20% minimum reflectance difference
Light Level:	100,000 Lux
Humidity:	0% to 95% relative humidity, non-condensing
Depth of field:	10 mil PDF@ more than 12"
20 mil QR	15 mm - 371 mm
Environmental Sealing	minimum IP 41
Operating Temperature	0°C to 50°C (32°F to 122°F)
<b>Features</b>	
Auto Barcode Sense Feature with IR Activation	
Flexible Magnetic mounting stand	
Multiple interfaces like USB/ KEYBOARDWEDGE /RS232	
Multiple barcode scanning capability	
Good readability on poorly printed and damaged barcodes	

### **Rates:-**

Description	Unit Rate INR	VAT @ 5%	Total INR
2D Barcode Reader	15,000.00	750.00	15,750.00

## **Order to be placed on:-**

Intellicon Pvt. Ltd  
B-404, Shivalik Plaza,  
Opp. AMA, Nr. IIM, Panjrapole,  
**Ahmedabad** - 380 015, India.

### **Contact Person:-**

Thomas John  
General Manager | Intellicon Pvt. Ltd |  
(T) +91-79 30013333 | (F) +91 79 30013300 | (M) 9327796340 |

[thomasj@intellicon.in](mailto:thomasj@intellicon.in) | [www.intellicon.in](http://www.intellicon.in)

## **Branch Office:-**

BRANCH ADDRESS
A - 2, 1st Floor, Mudra Complex, Behind Sudha Restaurant, Opp State Bank Of India, Ellorapark, <b>Vadodara</b> - 390 023
M-320, Kanchan Junga, Bhatler Cross Roads, <b>Surat</b> - 395 017, Gujarat.
B/20, Electronic Estate, Sector-25, GIDC, <b>Gandhinagar</b> -382024

### **3. Mukhyamantri Amrutum(MA) Hospital Kiosk:-**

Please find below mentioned details are for Kiosk.

### **Contact Details:-**

Wild Dreams Trading Company Pvt Ltd.

301-a, Shapath 3, Near GNFC tower,

S G highway, Ahmedabad- 380054.

Ph-(079)40068301 Fax- (079)40068302

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**Contact person:-**

Name:- Shivendra Shrivastava

Phone No:- +91 9825007573

[shivendra@wilddreams.in](mailto:shivendra@wilddreams.in)

**Rates:-**

Description	Description Unit Rate	Service Tax @	Total
	INR	12.36%	INR
Arogya Sahayata Kendra Kiosk	39,500.00	4882.00	44,382.00