



## IC-1920 IMAGE 2D SCANNER

### Features

1. High sensitive image sensor (can read on electronic screen)
2. Good penetrability barcode scanner which can read all standard 1D barcodes and 2D barcodes
3. High decoding ability for easily reading damaged and substandard barcodes
4. Rugged design IP54 with stands multiple 1.8 m drops

Performance	
<b>Model no.</b>	IC-1920 / specification
<b>Processor type</b>	32Bit
<b>scan mode</b>	handheld
<b>Alarm mode</b>	Red light alarm, Buzzer alarm
<b>Resolution</b>	640(horizontal) x 480(vertial),256 gray levels
<b>Scan angle</b>	45°(horizontal);30°(vertial)
<b>Scan speed</b>	250mm/sec
<b>Scan depth of field</b>	5 mil(Code 39)      90~120mm
	13 mil(UPC/EAN)      30~305mm
	20 mil(Code 39)      30~450mm
	PDF417(10mil)      50~225mm
	Datamatrix(10mil)      52~240mm

<b>Barcode type</b>	Australian Post, Aztec, BPO, Canada Post, Codabar, Codablock, Code 11, Code 39, Code 93, Code 128/EAN128, DataMatrix, Dutch Post, EAN.UCC Composite, Interleaved 2 of 5, Japan Post, Matrix 2 of 5, MaxiCode, MicroPDF417, MSI Code, PDF417, Planet, Plessey Code, Postnet, QR code, RSS, Standard 2 of 5, Telepen, TLC 39, UPC/EAN
<b>Alarm mode</b>	
<b>Voltage</b>	DC+5V±5%
<b>Operating current</b>	60mA(working); 40mA(standby); 300mA(operating)
<b>Interfaces</b>	RS232,USB(MS+MAC)
<b>Light level</b>	Visible Red light 630+10nm
<b>Environmental</b>	
<b>Operating temperature</b>	-20°C~60°C
<b>Storage temperature</b>	-30°C~70°C
<b>Humidity</b>	5% to 95% (Non-condensing)
<b>Light environment</b>	The normal direct sunlight indoor and outdoor
<b>Drop</b>	Designed to withstand 1.8m drops
<b>IP degree</b>	IP54
<b>Reliability</b>	
<b>High temp.</b>	60°C (140°F )
<b>Low temp.</b>	-20°C(-4°F )
<b>Cycle time</b>	30 minutes for high temp.,30 minutes for low temp.
<b>Cycles</b>	24 cycles
<b>Mechanical Shock</b>	2000G, 0.7ms, 3 axesz
<b>Physical</b>	
<b>Dimensions (LxWxH)</b>	170mm×100mm×75mm
<b>Weight</b>	150g (without cable)
<b>Material</b>	ABS+EVA
<b>Color</b>	black
<b>Accessories</b>	scanner, manual, cable

