



2D Bluetooth Wireless Back Clip Barcode Scanner

HW-6680

FEATURES & BENEFITS

- ARM 32-bit 640*480
- Support 1D/2D barcode on paper and screen
- Instant upload, inventory mode(16MB memory)
- Bluetooth4.0, 2.4GHz RF communication
- Continuously working 10hours,store 10K data
- Transmission distance-Bluetooth 50m,RF 100m
- Automatically sleep and pair(last paired device)



Communication Performance



Application



Logistics



Warehouse



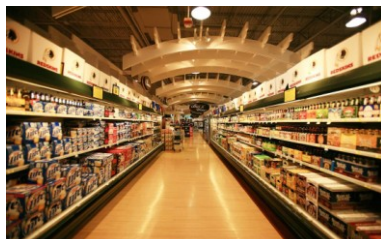
Medical



Library



Shopping Mall



Supermarket

Technical Specification

HW-6680 Parameters

Product	Model Number	CMOS (HW-6680)	Laser(HW-6680L)
Reading performance	Image Sensor	CMOS 640*480 30fps	
	Resolution	3mil(laser), 5mil(CMOS, can customize 3mil HW-6680S)	
	Decoding capacity	Support paper and screen barcodes	
		2D: QR, Micro QR, PDF417, Micro PDF417, DataMatrix , AZTEC etc.	
		1D: Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey etc.	
	Light Source	625±10nm Visible red LED, white LED	Laser 650nm
	Scan Angle	Rotation360° ,tilt±55° ,skew±55°	
	Min Contrast	25%	
	Typical DOF	EAN13(13mul) 50 -260mm Code39(10mil) 35 -205mm FDF417(10mil) 50 - 215mm Data Matrix(10mil) 50 - 160mm QR Code(15mil) 50 - 210mm Performance may be impacted by bar code quality and environmental conditions	
Mechanical and electrical	Communication	USB(KBW/COM) Bluetooth 2.4GHz RF wireless(USB dongle)	
	Bluetooth Protocol	Bluetooth HID,SPP,BLE	
	Transmission Distance	Bluetooth—30M 2.4GHz 100M	open air
	Working Voltage	DC 5±10%VDC	
	Power	210mA(working) 7mA(standby) 5uA(sleep)	
	Battery	1200mAH continuously work 10hours,charge time 3-4H	
	Memory Size	16MB store at least 10K barcodes	
	Dimensions	Adapt to all mobile phones	
	Weight	80g	
	Indication	Buzzer & LED &Vibration	
Environment Request	Material	ABS+TPR	
	Working Tem	-20~50℃	
	Storage Tem	-40~70℃	
	Humidity	5%-95%(Non-condensing)	
	Light Immunity	0~100,000Lux	
	Drop Test	1.8M	
	waterproof level	IP41	