

Dataman Barcode Systems

D-Tech DB-6083

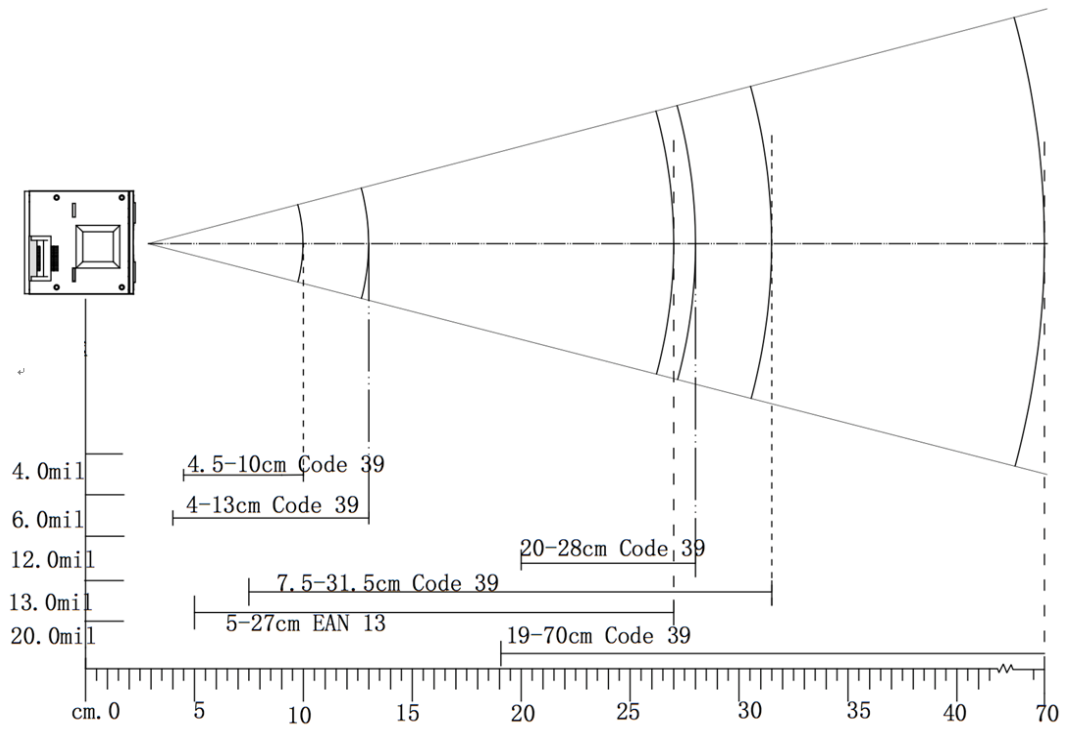
(The wireless one dimensional imaging scanner)



Technical parameters	
Wireless specifications	
Wireless Communications	433
Communication frequency	
Transmission range	≤100M (In empty area 100M)
Data rate	10kbps
Memory	100 , 000@13Byte barcode
Battery capacity	2000mAh (Lithium battery)
Charging time	6H
The working time of the full charge	6h (continuous reading situation) 12h (Manual reading situation)

	More than 15 days (Stand-by time)
Communication mode	Read-time mode/Inventory mode / Cache mode
Electrical Characteristics	
Interface	RS-232/USB HID KEYBOARD/USB VCP/RS-485
Voltage requirement	DC 5V±10%
Current consumption	Max:138mA
Optical Characteristics	
Photo sensor	CCD linear sensor
Sensor Resolution	2500pix
Light source	LED 632nm red led
Performance Characteristics	
Scan Rate:	350±50(次/秒) 350±50 (scans/second)
Decode angle	Pitch angle:±30° Skew angle:±75° Tilt angle:±45°
Min resolution	0.115mm / 4.5mil (PCS 0.9)
Min.PCS value	> 20%UPC/EAN 13 (13mil)
Language	multiple languages
Identification	EAN13 , EAN8 , UPC A , UPC E , CODABAR (NW-7) , CODE 39 , CODE 93 , INTERLEAVED 2OF5 ,

	STANDARD 2OF5 , MATRIX 2OF5 , CODE 128 , EAN/UCC 128 , CODE 11 , CHINESE POST
Curvature	R≥15 mm (EAN8) , R≥20 mm (EAN13) (resolution=0.26mm , PCS=0.9)
Physical Characteristics	
Dimensions	70mm*95mm*168mm(L*W*H)
Weight	Scanner : 172g Receiver:188g
Environmental Characteristics	
Temp	-20°-65°C / -4°to 149°F((operation)) -30°- 70°C /-22°to 158°F(storage)
Humidity	5 - 90% (operation)) 5 - 90% (storage)
Ambient Light	fluorescent light 4000 lx max , direct sun light 80,000 lx max ,white light 4000 lx max
Shock drop test	1.5m drop onto concrete surface
Regulatory	
Electrical Safety	UL 60950 , EN/IEC 60950
EMI/RFI	FCC Part 15 Class B,EN 55024/CISPR 22
Environmental	RoHS



Symbology	Resolution mm(mil)	Depths of Field	Digits
Code 39	0.101(4mil)	4.5-10cm	6
Code 39	0.152(6mil)	4-13cm	12
Code 39	0.30(12mil)	20-28cm	13
Code 39	0.33(13mil)	7.5-31.5cm	12
EAN 13	0.33(13mil)	5-27cm	13
Code 39	0.86(34mil)	19-70cm	10