

1021 CCD BARCODE SCANNER

1021K Series	67mm CCD Barcode Scanner W/Keyboard Wedge output, built-in decoder, functional programmable
1021R Series	67mm CCD Barcode Scanner W/RS-232, built-in decoder functional programmable
1021W Series	67mm CCD Barcode Scanner W/WAND Emulation output, functional programmable
1021T Series	67mm CCD Barcode Scanner W/TTL output

Electrical

Voltage	+5V+/-10%	
Power Consumption	TTL	Decoder built in
Operation (Peak)	<45mA	<55mA
(Avg)	<30mA	<40mA
(Idle)	<1mA	<1mA

Symbology Setting

Code 39/Full ASCII	EAN8
Italy Pharma Code	EAN8 with ADDON2
French Pharma Code	EAN8 with ADDON5
Industrial 25	EAN13/UPCA
Interleave 25	EAN13/UPCA with ADDON2
Matrix 25	EAN13/UPCA with ADDON5
CP 25	UPCE
Codabar	UPCE with ADDON2
Code 93	UPCE with ADDON5
Code 128	

Keyboard Interface

IBM PC/XT/AT & compatible ones, IBM PC/XT, PS2-30, PS2-55, IBM 5550, NEC 9800, NEC 5200, DEC VT series, ADDS 1010, NEC Astra, Macintosh (RJ&ADB)
IBM 3477, Hitachi Elles, PS2-50/70/80
Memorex Telex (same with IBM 3486, IBM3192)
WYSE Enhance KBD (US), Tele Video 965, Unisys Terminal

Indicators

BUZZER, LED for good read or status

Environment

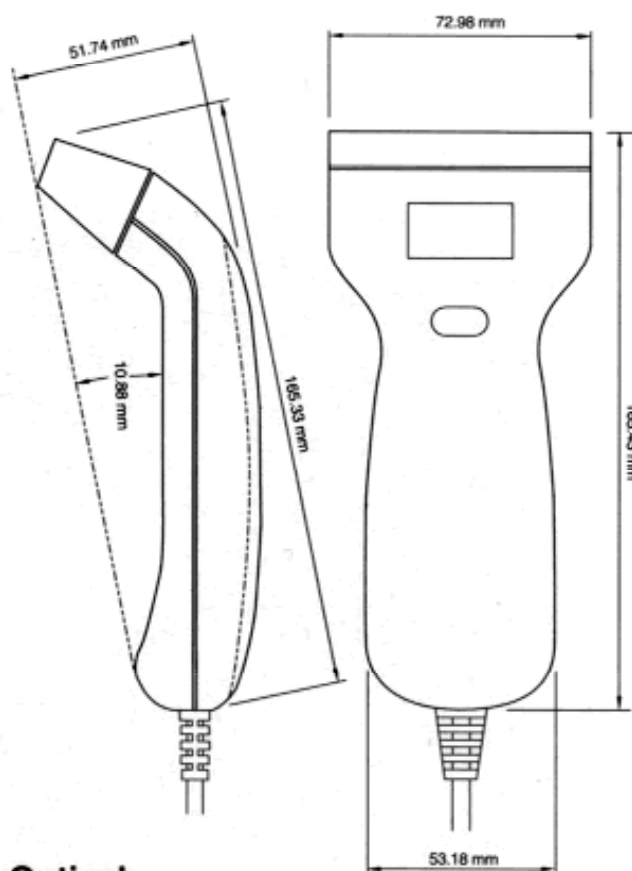
Temperature (operating)	0°C-55°C
Temperature (storage)	-40°C-75°C
Humidity operating	20%-95%RH(non-condensing)
Humidity storage	10%-95%RH(non-condensing)
Electrical Discharge	
Immunity	10KV
Shock Resistance	100cm Drop onto a concrete surface

Physical

Body Material	ABS
Switch	Contact type
Cable	Coiled/Straight
Weight	150 g (Exclude Cable)

Quality Approved:

EMC Regulation FCC / CE Approved



Optical

Optical Sensor	2048 Pixel (Sensor Width= 200 μm)
Light Source	Visible LED (660 nm)
Resolution	0.125mm
Depth of Field	0-10mm
Width of Field	67mm
PCS	0.45 or more
Exposure Time	12 msec, 80 scans/sec
Scanning Angle	Front 10 degree REAR 20 degree Left & Right 30 to 30 degree
Ambient Light Rejection	1500 lux (Fluorescent light) 900 lux (direct sun-light)

Programmable Features

1021K Keyboard Emulator:
Barcode type, Inter character delay, Scanning mode, Barcode ID, Suffix, Terminal type, Buzzer Tone/duration
Language type, Code length, Time out, Prefix/Postfix

1021R RS232C:

Barcode type, Barcode ID, Suffix, Buzzer tone/duration
Language type, Code length, Time out, Baud rate, Data bit, Stop bit, Scanning mode, Full/Half duplex
Prefix/Postfix