

PS2000

Long Range CCD Scanner

The PS2000 Series are a Duo of Long Range CCD scanner that delivers basic, high-quality scanning for a wide range of data collection functions to help improve routine transactions, automate paper-based processes and increase productivity.

The PS2000 has a 2500 Sony CCD Sensor with no movable parts thus offering reliable service reading performance with all popular 1D barcodes. The PS2000+ has a special capability of reading Barcodes from LCD/Smartphones/Tablets.

Powered by 32bit CPU, the duo offers scan rate of 300 Scans/sec and DOF up to 630mm. The PS2000 series offers an effective and efficient, all-purpose daily scanning solution for less demanding point-of-sale, office and other low ambient light applications to minimize manual data entry, speed transactions and reduce errors.



Features:

- 2500 CCD Sensor from Sony
- 32bit CPU, 4mil, 300 Scans/sec Speed
- Reads all 1D Barcodes including GS1 Databar
- Reads barcodes from LCD/Tablet/Smartphones
- Shock Resistance- 1.5mt on Concrete surface
- Variety of interfaces

Specifications:

Light Source Type	Long Range CCD Sensor
Trigger Mode	Manual
Scanning Mode	Single-line scanning
Scanning Speed	300times /sec
Scan Precision	≥ 4mil
Printing Contrast Ratio	The lowest reflectivity difference is 30%.
Bit Error Rate	1/50 million
Environment Luminance	3000-12000 Lux
Depth of field	5 to 630mm
Scanning Angle	±65°±42° (Left and right, front and back, rotation)
Decoding capacity	UPC/EAN/JAN, UPC/EAN with Supplemental, UCC/EAN 128, Code 39, MSI,
	Code11, Code 39 Full ASCII, Code 39 TriOptic, Code 128, Code 128Full ASCII,
	Codabar, Code93, Discrete2of5, IATA, RSS variants, Codabar, Chinese2of5,
	International general dimensional barcodes, e.g. Inteleaved2/5, Interleaved2of5 and China
Electrical parameter	
Input voltage	5VDC±0.25V
Power	250mW (Work): 500mW (momentary maximum)
Current	50mA (Work): 100mA (momentary maximum)
Standby Current	45uA
Prompt Mode	Buzzer and LED indicator
Physical parameter	
Transfer cable interface	USB(standard):PS/2 and RS232 are selectable
Dimension	L*W*H:159*64*85mm
Weight	200g(excluding cables)
Cable standard	Straight line,2m
Interface type	RJ-45 crystal head
Outside material	ABS+PC

Environment parameter	
Temperature	0°C to 50°C(work) : -40°C to 60°C(storage)
Safety regulations	Laser safety class: EN60825-1, Class 1, state level-I laser safety standard
	EMC: EN55022,EN55024
	Electrical safety: EN60950-1
	Packaging level: IP52

For More Information:

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