

Pegasus

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Pegasus PSW-1100

2D Imager & Scanner



Specifications

- Customized decode resolution model of 5mil or 3mil
- Decode all major 1D barcode symbologies including GS1 DataBar
- 433MHz ISM frequency band
- Strong penetrating power for obstacle, up to 200 meters working range (open air)
- Two kinds of wireless network topology, point coordination and distributed coordination, are provided to match different environments, e.g. a place where mass data transmission at short intervals is in need, or mass scanners (up to 2000 pieces) operating simultaneously without disturbing to each other.
- 1400mAh Li+ battery: up to 16,000 scans per charge
- Built-in self-protected charging circuit
- Batch modes: out of range notice; 2,000 barcodes storage
- Reliable safety design: handheld case made of fire-resist material
- Lifetime scratch and abrasion resistance as the exit window made by chemically tempered float glass
- Easy firmware upgrade
- Intelligent barcode sorting technology: different scanners within one cluster can provide result to different software applications in one machine.
- Flexible software customization
- Customized RF mode of 2.4GHz Bluetooth is available.



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Handheld Unit		
Dimensions	17.0cm H × 7.0cm W × 8.3cm D	
Weight	201 g	
Color	Gray	
Battery	1400 mAh Lithium-ion battery	
Charge time	Fully charged (>80%) in 3.5 hours	
Case material	Fire-resist ABS+TPU	
Light source	650 nm visible laser diode	
Decoding rate	200 times/sec	
Scanning angle	±60°, ±65°, ±42° (Skew, Pitch, Roll)	
Decode capability	All major 1D barcode symbologies including GS1 DataBar variants	
Indicator	Visual, Audio	
Operating mode	Handheld	
Programming method	Manual (reading special barcode)	
Program upgrade	Using RSM software, while a cradle unit is required	
Operating temperature	0°C to 50°C (32°F to 120°F)	
Storage temperature	-40°C to 60°C (-40°F to 140°F)	
Humidity	5% to 95% (non-condensing)	
Input voltage	4.75V – 6.5 VDC	
Operating current	12mA (standby); 90mA (scanning); 150mA (transmitting)	
Standby time	Over 7 days	
Read barcode/charge	Over 160,000 scans	
Working range	Up to 200 meters ¹ (open air)	
Wireless communication	430.5 ~ 432.0MHz, 433.05 ~ 434.79MHz; Optional: 2.4GHz, Bluetooth, Class II	
Decoding depth & Max. resolution	Long-range series	High-density series
	5 mil: 40-110mm	3 mil: 5-50mm
	10 mil: 10-280mm	10 mil: 10-85mm
	13 mil: 15-315mm	13 mil: 10-150mm
	16 mil: 25-385mm	16 mil: 25-165mm
	35 mil: 145-630mm	35 mil: 145-295mm
Safety	Laser safety: EN60825-1, Class 1; EMC: EN 55022, EN 55024; Electrical safety: EN 60950-1	
	Drop resistance: Multiple 1.5m (4.9ft) drops to concrete; Protection class: IP52	
Cradle		
Input voltage	5 VDC ± 0.25V	
Cable	Straight 2.0m (PS2) / Straight 1.5m (USB) / Straight 2.0m (RS-232)	
Dimensions	21.3cm H × 9.7cm W × 7.5cm D	
Weight	189g (with cable)	
Indicator	Visual	
Case material	ABS	
Programming method	Manual (reading special barcode)	
Program upgrade	PC online using RSM software.	
Drop resistance	Multiple 1.2m (3.9ft) drops to concrete	

For More Information Please visit : <http://www.PegasusTech.net>



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