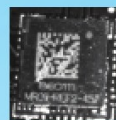


Handheld Image Scanner

MD6800



- Image size at 1.2M pixels
- Read all major 1D and 2D symbols
- Read symbols from mobile phones/ inverse symbols/ DPM symbols
- Lifetime scratch and abrasion resistance (exit window made by chemically tempered float glass)
- IP52 high performance ingress protection
- Reliable safety design with CE, EMC, RoHS, Class I laser safety, Photobiological safety approval
- Passed 30+ times of 2.0m (6.6ft) drop to concrete
- Ready for all POS systems
- Easy firmware upgrade
- Ergonomic, snappy and stylish design



DPM symbol



MD6800 Specifications

Input voltage	5V DC $\pm$ 0.25V
Power	1.75W (working); 0.40W (standby)
Current	350mA (working); 80mA (standby)
Image size	1280 $\times$ 960 (=1.2M) pixels
Scanning angle	$\pm$ 60°, $\pm$ 40°, $\pm$ 180° (Skew, Pitch, Roll)
Decode capability	1D: All major 1D symbols including GS1 DataBar
	2D: PDF417, MicroPDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code
Indicator	Beeper, LED, Vibrator
Interface supported	Keyboard wedge, RS-232, USB Keyboard, USB virtual COM
Operating mode	Hand-held, Auto-detection (Optional)
Dimensions	H $\times$ W $\times$ D: 175mm $\times$ 65mm $\times$ 81mm
Weight	190g, without cable
Cable	Straight 2.0m
Connector type	RJ-45 phone jack connector
Case material	PC + TPU
Temperature	-20° to 55°C (-4° to 131°F), Operating; -40° to 70°C (-40° to 158°F), Storage
Humidity	5% to 95% (non-condensing)
Programming method	Manual (reading special barcode)
Program upgrade	Online
Max. resolution	3.5mil (SR series), 1 mil = 0.0254mm
Decode depth	3.5mil Code128 (9 chars): 1.5cm – 3.5cm
	5mil Code39 (20 chars): 0.8cm – 5.5cm
	13mil UPC (12 chars): 0.7cm – 16.5cm
	20mil Code39 (5 chars): 3.5cm – 21.0cm
	6.7mil PDF417 (20 chars): 0.0cm – 7.5cm
	10 mil DM (20 chars): 0.0cm – 11.5cm
	20 mil QR (20 chars): 0.0cm – 19.5cm
Safety	Laser safety: EN60825-1, Class 1. (For aiming pattern.); EMC: EN55022, EN55024; Electrical
	safety: EN60950-1; Photobiological safety: EN62471:2008; Illumination: 0~100,000LUX; Drop resistance: 30+ times of 2.0m (6.6ft) drop to concrete; Protection class: IP52

[Notice]: Specifications are subject to change without notice

