

MW6000 / MW6001 / MW6002 / MW6003 1 MP Handheld Code Reader

MW series wired / wireless handheld code reader adopts code reading algorithm to provide good decoding capability for DPM. It can read different types of one-dimensional and two-dimensional codes, and output codes rapidly. Adopts illumination system to provide direct lighting and diffused reflection lighting.



Key Feature

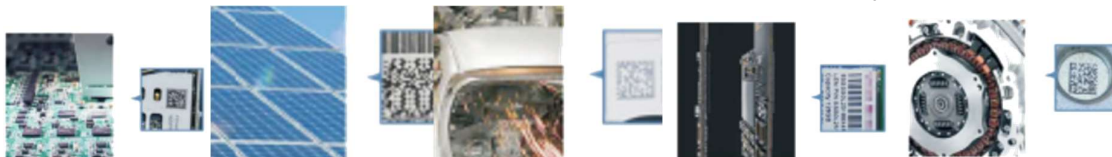
- Adopts code reading algorithm to provide good decoding capability.
- Provides good robustness to read codes with spots, defects and low contrast ratio.
- Supports continuous code reading, batch code reading for improving code reading efficiency.
- Supports multiple communication protocols, including TCP Client / Server, Serial, FTP, Profinet, Ethernet/IP, MELSEC/SLMP, MODBUS, UDP, FINS, Smart SDK.
- Supports IP65 and drop height of 2.8 m.

Model Number

- **Communication Line:**
 - **MW6000** – Wired.
 - **MW6002** – Wireless.
- **USB**
 - **MW6001** – Wired.
 - **MW6003** – Wireless.

Application Industry

PCB, New Energy, Consumer Electronics, Semiconductor, Automobile Parts, etc.



Model Parameters	MW6001 / MW6003		MW6000 / MW6002	
	1 MP Handheld Code Reader			
Performance parameter				
Light source	Direct: white LED; diffused reflection: red LED; Cross laser aiming			
Symbologies	1D: Code 39, Code 93, Code 128, CodaBar, EAN8, EAN13, ITF25, ITF14, UPCA, UPCE 2D: QR Code, Data Matrix			
Sensor type	CMOS, global shutter			
Resolution	1280*800			
Pixel size	3 μm × 3 μm			
Focal length	6.7mm			
Scan mode	Manual mode/Continuous mode			
Detection angle	Elevation ± 60 °, Rotation 360 °, Yaw ± 60°			
Field of view	31° (H) x 20° {V}			
Min. accuracy	≥3mil			
Max. frame rate	50FP/S			
Depth of field*	Code 39 (3 mil) : 15 ~ 60 mm			
	Code 39 (5 mil) : 5 ~ 80 mm			
	QR Code (5 mil) : 10 ~ 70 mm			
	Data Matrix (10 mil) : 0 ~ 110 mm			
Prompt method	Buzzer, LED, Buzzer			
Symbol contrast	≥20%			
Ambient illumination	0 ~ 100000 lux			
Error rate	1/5million			
Communication protocol	SmartSDK, USB (HID/CDC)		SmartSDK, TCP Client, FTP, HTTP, TCP Server, MELSEC/SLMP, Profinet, Ethernet/IP, ModBus, UDP, Fins, Serial	
Physical parameter				
Weight	460g			
Size	73.4 mm × 104 mm × 229.5 mm,			
Material	ABS+PC+TPU			
Cable	2meters			
IP grade	IP65			
Environmental parameter				
Working temperature	-20℃~50℃			
Storage temperature	-30 °C ~ 70 °C			
Humidity	5% ~ 95% RH (No condensation)			
Shock resistance	Passed 2.8meters drop test			
Electrical Parameter				
Interface	USB2.0		Fast Ethernet (100 Mbit/s) , RS-232	
Power supply	For MW6000 / MW6001 : 12V ~ 24 VDC For MW6002 / MW6003 : Battery – 3150 mAh			
Max. power consumption	6 W@24 VDC			