TD-5208

Handheld 1D/ 2D Imager

Fametech's TD-5208 is a high performing 2D data matrix scanner. Designed with the CMOS technology, the scanner offers high-speed scanning and long scan range. It is capable of reading barcodes, images, and capturing signatures in an instance under most ambient light conditions. In addition, It is able to read through even wrinkled, damaged, or poorly printed barcodes and OCR fonts.

- High-sensitivity CMOS Image Sensor
- High-speed Scan Under Low-light Environments
- Simple Operation with Programmable Configuration
- Resolution: 1280 x 960 (TD-5208M), 752 x 480 (TD-5208N)
- Suitable for Various Applications, Especially Industrial Production

Specifications

More Detail

Model	TD-5208M	TD-5208N
General		
Sensor	CMOS Image Sensor	
Resolution	1.3 mega pixel (1280 x 960)	752 x 480
Light Source	LED (Illumination: 650 nm; Aiming 615 nm)	LED (622 nm ~ 628 nm)
Scan Angle	50° Horizontal, 37.5° Vertical	60° Horizontal, 60° Vertical
Scan Pattern	Area	
Rotation Sensitivity	360 around the optical Axis	
Minimum Element Width	1D: 10 mm (4.0 mil) 2D Matrix: 191 mm (9.5 mil)	1D: 35 mm (1.38 mil) 2D Matrix: 45 mm (1.77 mil)
Print Contrast	20% minimum	30% minimum
Interface	RS-232/ USB	
Indicator	Buzzer and LED illumination	
Area Illumination	LED x 4	
Symbologies		
Bar Code Symbologies (1D)	Code 39, Code 93, Code 128, UPC/ EAN/ Jan, Code 2 of 5, Code 11, Codabar, Plessey, GS1 Databar, Telepen, Trioptic	Code 128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN, Code 93, UCC/ EAN-128, GS1 Databar, etc
OCR Font (optional)	OCR-A, OCR-B, E-13B, MICR	OCR-B
Others		
Power	5VDC ± 5%	
Material	ABS+ Polycarbonate, Co-molded rubber	
Color	Grey	
Shock Resistance	1m drop onto concrete	
Weight	220 g	220 g
Dimension (L x W x H: mm)	166.5 x 76 x 92.3	
Cable Length	1.8 m	
Ambient Light	0 ~ 100,000 Lux	
Operating Temperature	0°C ~ 40°C	
Operating Humidity	20% ~ 80% RH, non-condensing	
Storage Temperature	-20°C ~ 70°C	
Storage Humidity	5% ~ 95% RH, non-condensing	