Tipcode TP58 Fixed-Mount Barcode Scanner



General Description

The TP58 targets printed barcodes with low contrast, stains and distortion; it integrates a 1 MP (1280 x 800) image sensor and TIPCODE's latest decoding technology for excellent reading performance. Compact and easy to install, it supports flexible setup via the configuration tool.

Product Features

Megapixel Image Sensor

■ 1280 x 800 high-resolution sensor reads higher-density codes at the same distance

Simple Interfaces

■ RS232 and USB interfaces; cable exit does not affect installation

IP54 Industrial Protection

■ High-strength ABS housing; IP54 blocks dust and resists low-pressure water spray

Wide Angle, High Frame Rate

■ 46°/29° field of view at 60 FPS, for low-speed motion and point-to-point reads

Typical Applications

- **Parcel Lockers & Logistics**
- **Turnstiles & Ticketing**
- **Self-Service Kiosks**
- **Test Equipment**
- **Medical Devices**

TP58

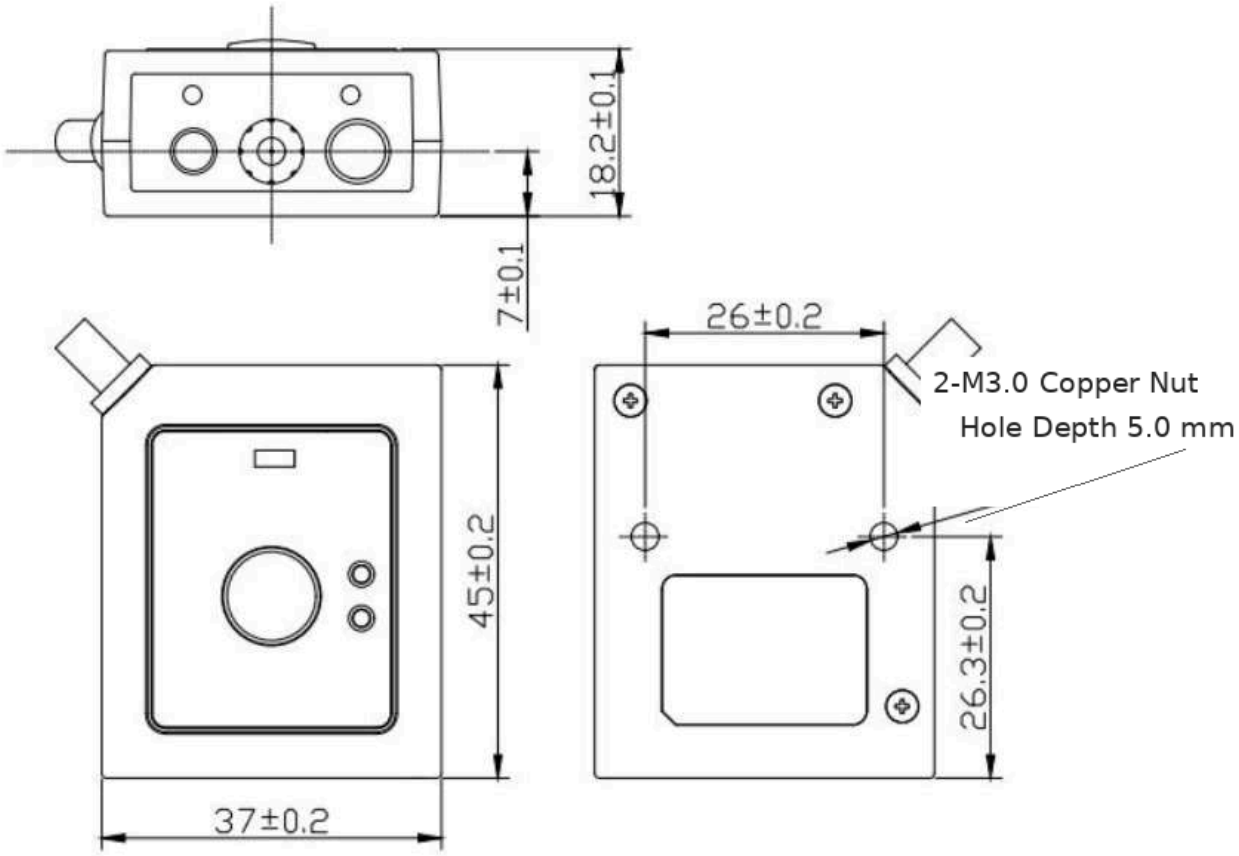
Fixed-Mount Barcode Scanner

Scan Perf.	**Pixels**	1280 (H) * 800 (V)	
	Lighting	White LED (SR)	
	Aiming	Red LED line	
	Scan Mode	Button trigger, auto-sensing, continuous scan, pulse mode	
	Symbologies	1D	UPC A , UPC E , EAN 8 , EAN 13 , Code 128 , Code 39 , Code 93 , Code 32 , Code11 , Codabar ,Plessey , MSI , Interleaved 2 of 5 , IATA 2 of 5 , Matrix 2 of 5 , Straight 2 of 5 , Pharmacode , RSS-14 , RSS-14 Expanded , RSS-14 Limited Composite Code-A , Composite Code-B , Composite Code-C
		2D	Data Matrix , QR Code , Micro QR , PDF 417 , Micro PDF 417 , Aztec ,MaxiCode
	Read Prec.	1D : ≥4 mil ; 2D : ≥7 mil	
	Typical DOF	**Model TP58 White Light**	
		Code 39 (4mil)	40mm~110mm
		Data Matrix(10mil)	35mm~300mm
		100%UPCA (13mil)	35mm~320mm
	Field of View	Horizontal 46° (H), Vertical 29° (V)	
	Print Contrast	≥30%	
Mech. & Electrical	**Dimensions**	37 (W) × 45(D) × 18.2 (H)(mm)	
	Weight	Approx. 30 g	
	Interface	USB, RS-232, Virtual COM Port	
	Notification	Buzzer, LED indicator	
	Voltage	DC 5V±5%	
	Current	200 mA ±5% (typ.), 350 mA ±5% (max.)	
	Standby	50 mA ±5%	
Environ.	**Op. Temp.**	-20 °C to +50 °C	
	Storage Temp.	-40 °C to +70 °C	
	Humidity	5% to 95% (non-condensing)	
	ESD	±12 kV (air discharge), ±8 kV (direct discharge)	
	Drop Height	1.5 m	
	IP Rating	IP54	
Certs	FCC Part15 Class B, CE, EMC Class B		

*Test conditions: ambient temp. 23 °C; ambient light 300 LUX incandescent; TIPCODE test samples

Specifications subject to change without notice.

Dimensions


18.2±0.1
7±0.1
26±0.2
2-M3.0 Copper Nut
Hole Depth 5.0 mm
45±0.2
26.3±0.2
37±0.2