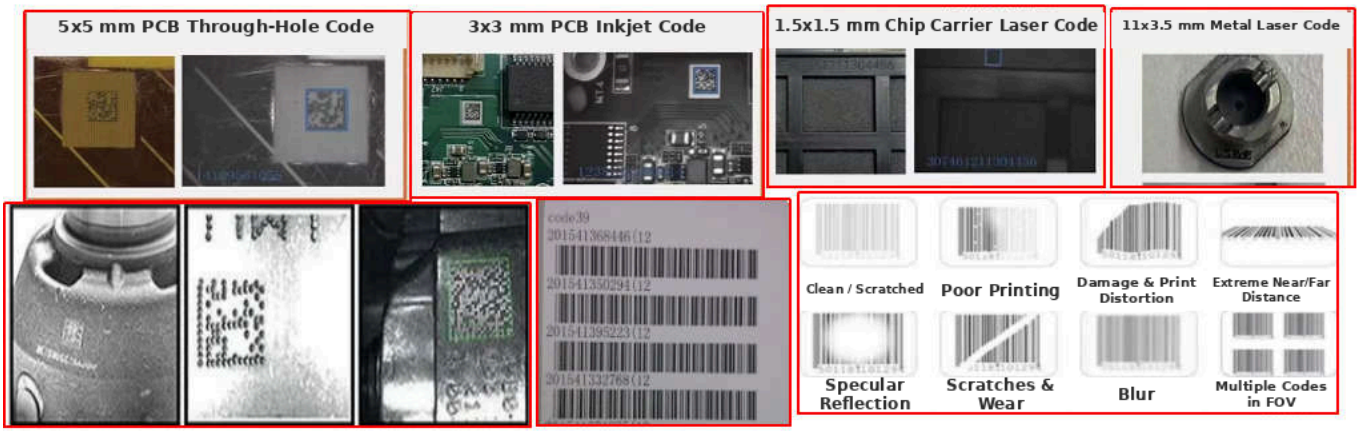
Tipcode

TP380 Series 1.3 MP High-End Industrial Barcode Scanner







The TP380 Series is a rugged, high-reliability industrial scanner with drop, water and dust protection, a comfortable grip and low operator fatigue. Two series are available:

TP380-HD (wired) / TP380B-HD (wireless): 1.3 MP global-shutter scanner for printed barcodes; reliably reads high-density, dirty, damaged and low-contrast codes, with long reading distance, smooth scanning and support for tiny close-range codes.

TP380-DP (wired) / TP380B-DP (wireless): designed for higher-density or finer DPM codes and more complex surfaces; reads even poorly marked DPM codes. Powered by robust industrial decoding algorithms with deep AI learning to ensure smooth reading of all DPM codes.

Product Features:

- 1280 x 1024 high-resolution, high-frame-rate image sensor for fast reading of high-density barcodes;
- Ergonomic gun-type design for comfortable operation and less fatigue during long shifts; industrial-grade construction for long-lasting durability;
- Intelligent lighting control that memorizes and switches to the optimal decoding light source;
- Smart tuning mode that optimizes scan settings for laser-etched and dot-peened DPM codes, delivering the best decoding configuration for fixed applications;
- Multiple communication interfaces with quick-change cables for plug-and-play convenience.

Typical Applications:

Mobile Phone Assembly PV Module Assembly Data Centers Pharmaceuticals Papermaking Electronics Manufacturing Medical Devices Warehousing & Logistics Oil & Gas Chemicals NEV & Batteries Smart Manufacturing IC Industry Shipbuilding

Ordering Information:

- USB, HD: TP380-HD-U (wired) / TP380B-HD-U (wireless)
- USB, DP: TP380-DP-U (wired) / TP380B-DP-U (wireless)
- Serial, HD: TP380-HD-R (wired) / TP380B-HD-R (wireless)
- Serial, DP: TP380-DP-R (wired) / TP380B-DP-R (wireless)

Product Specifications						
Scan Perf.	Pixels	1280 Pixels(H) x 1024 Pixels(V)				
	Lighting	White fill light				
	Aiming	Green bar (HD); red bar (DP)				
	Scan Mode	Button trigger, auto-sensing				
	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 Precision	1D : ≥3 mil ; 2D : ≥5 mil				
	Typical DOF	Model	HD		DP	
		Code 39 (3mil)	55mm~150mm		40mm~70mm	
		Code 39 (5mil)	45mm~250mm		30mm~100mm	
		Data Matrix (5mil)	40mm~60mm		40mm~70mm	
		100%UPCA (13mil)	40mm~500mm		30mm~100mm	
	Field of View	Horizontal 41° (H), Vertical 35° (V)				
	Print Contrast	≥20%(UPC/EAN 100% , PCS 90%)				
Size	Dimensions	181x 102 x 77 mm				
Electrical Params	Weight	Approx. 150 g (cable excluded)				
	Interface	USB, RS-232, Virtual COM Port				
	Cable Length	2 m (extended), detachable				
	Notification	Buzzer, LED indicator, vibration motor				
	Voltage	DC 5V±5%				
	Current	300 mA ±5% (typ.), 400 mA ±5% (max.)				
	Standby	100 mA ±5%				
Environ. Params	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	1.8 m				
	IP Rating	IP65				
Int'l Certs	FCC Part15 Class B, CE, EMC Class B					

Tipcode (Shenzhen) Technology Co., Ltd.
Address: 37F, International Science & Technology Building, 3007 Shennan Middle Road, Futian District, Shenzhen