



tipcode

Globally Best Reputed
Technology,
Internationally
Well-Known Brand

INDUSTRIAL KING TP70-DP

Industrial Fixed-Mount DPM Barcode Scanner

- Compact & Lightweight
- High Resolution
- High-Grade Protection
- Multi-Color LED Lighting

- Electronics Assembly
- Smart Manufacturing
- Electronic Test Equipment
- Metal & Mechanical Machining
- Automotive Parts Manufacturing



TP70-DP is a high-end industrial fixed-mount DPM barcode scanner from Tipcode, designed for reading printed barcodes with low contrast, stains or distortion, as well as Direct Part Marking (DPM) codes. It integrates a 1280 × 1024 (1.3 MP) image sensor and, combined with Tipcode's third-generation decoding technology, delivers excellent reading performance. Its compact overall design makes installation easy, and the configuration tool allows diverse debugging and parameter settings.

Product Features



● Excellent DPM Decoding

Adopts Tipcode's third-generation decoding technology, applicable to a wide range of complex standard-substrate barcodes and Direct Part Marking (DPM) codes.

● Small Body, Wide Field of View

Compact structural design for easy integration and installation; an optical lens with a 48° (H) and 38° (V) field of view for fixed point-to-point reading at up to 90 fps, and quick handling of various tiny DPM barcodes.

● Multi-Color LED Illumination

Intelligent switchable white/red point light source illumination with crosshair laser aiming

● High-Grade Industrial Protection

The housing is made of high-strength metal, solid and reliable; with an IP65 rating, it blocks dust and resists low-pressure fresh water splashes.

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TP70-DP Industrial Fixed-Mount DPM Barcode Scanner

Technical Specifications

Scanning Pixels	1280 (H) * 1024 (V)
Illumination	White/red multi-point light source
Reading Mode	Auto-sensing, continuous mode, pulse mode
Barcode Types	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 2D Data Matrix, QR Code, Micro QR, PDF417, Micro PDF417
Scan Precision	1D : ≥ 3 mil ; 2D : ≥ 5 mil
Field of View	Horizontal 48° (H), Vertical 38° (V)
Focus	Red LED
Print Contrast	$\geq 20\%$
Dimensions	44(W) × 50 (D) × 29 (H) (mm)
Depth of Field	Code39(3mil) 50mm~110mm EAN13(13mil) 50mm~180mm Data Matrix(5mil) 50mm~95mm QR Code (7mil) 50mm~110mm
Interfaces	USB, RS-232, Virtual COM Port
Weight	Approx. 98 g (excluding cable)
Notification	Buzzer, LED indicator
Op. Temp.	-20°C~+50°C
Op. Humidity	5%-95% (non-condensing)
ESD Protection	± 12 kV (air discharge), ± 8 kV (direct discharge)
Op. Voltage	DC 5V $\pm 5\%$
Op. Current	300 mA $\pm 5\%$ (typical), 470 mA $\pm 5\%$ (max.)
Drop Height	1.5 m
IP Rating	IP65

More Sensitive Scanning | Accurate Reading | Faster Decoding