

# UTC-P07

## 2D Barcode Module for UTC-500 Series



### Specifications

Interface	USB (Cable Length:50cm)	
Scanning Performance	Sensor: CMOS sensor with 640 x 480 pixel resolution Illumination & Aiming: White LED illumination; Red LED dot aimer Typical frame rate: 30 frames per second Motion Tolerance: Up to 100 cm/s (4 in/s) for 13 mil UPC at optimal focus Field of View: Horizontal: 37.8°, Vertical: 28.8° Scan Angles: Tilt: 360°, Pitch: ± 45°, Skew: ± 45° Symbol Contrast: 35% minimum print contrast ratio	
Typical Reading Distances Standard	SYMBOLOLOGY / X-DIM	TYPICAL RANGE*
	100% UPC	55 mm to 280 mm (2.1 in to 11.0 in)
	5 MIL CODE 39	61 mm to 130 mm (2.4 in to 5.1 in)
	20 MIL CODE 39	60 mm to 380 mm (2.4 in to 15.0 in)
	6.7 MIL PDF417	60 mm to 125 mm (2.4 in to 4.9 in)
	10 MIL DATA MATRIX	60 mm to 130 mm (2.4 in to 5.1 in)
	20 MIL QR	50 mm to 230 mm (2.0 in to 9.0 in)
	* Typical performance may be impacted by barcode quality and environmental conditions.	
Symbologies	Linear: Codabar, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, EAN/JAN-13, EAN/JAN 8, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI, GS1 Databar, UPC-A, UPC E, UPC-A/EAN-13 with Extended coupon Code, Coupon GS1 Code 32(PARAF), EAN-UCC Emulation, GS1 Data bar 2D Stacked: Codablock A, Codablock F, PDF417, MicroPDF417 2D Matrix: Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible(Han Xin) code Postal Codes: Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet	
OS Support	Windows 7 / Windows 8*	
Dimensions	130 x 52 x 40 mm	
Operating Temperature	-10°C to 40°C	

Interface	USB (Cable Length:50cm)			
Scanning Performance	Scan Rate: 2D mode: 53 images/s Scan angle: 40° (Horizontal), 26° (Vertical) Optical resolution: 752 (H) x 480 (V) pixels, 256 gray levels			
Typical Reading Distances Standard	Symbology	Density	Min. Dist.	Max. Dist.
	Code 39	0.125 mm/5 mils	4.7 cm/1.8"	17.7 cm/7.0"
		0.25 mm/10 mils	1.7 cm/0.7"	33.2 cm/13.1"
	UPC/EAN	0.33 mm/13 mils	2.5 cm /1.0"	41.9 cm/16.5"
	Data Matrix	0.254 mm/10 mils	2.7 cm /1.0"	17.1 cm/6.7"
		0.381 mm/15 mils	1.2 cm /0.5"	24.6 cm/9.7"
	PDF 417	0.254 mm/10 mils	2.2 cm /0.9"	2.2 cm /9.4"
	* Minimum distance depends on symbology length and scan angle			
Symbologies	1D / Linear symbologies: : Autodiscriminates all standard 1D codes including GS1DataBar™ linear codes. 2D symbologies: Aztec Code; China Han Xin Code; Data Matrix; MaxiCode;Micro QR Code; QR Code Postal codes : Australian Post; British Post; China Post; IMB; Japanese Post; KIX Post; Korea Post; Planet Code; Postnet; Royal Mail Code (RM4SCC) Stacked codes : EAN/JAN Composites; GS1 DataBar Composites;GS1 DataBar Expanded Stacked; GS1 DataBar Stacked;GS1 DataBar Stacked Omnidirectional; MacroPDF;MicroPDF417; PDF417; UPC A/E Composites			
OS Support	Windows 7 / Windows 8*			
Dimensions	130 x 52 x 40 mm			
Operating Temperature	0 ~ 40° C			

### Ordering Information

P/N	Description
UTC-P07-A1E	2D Barcode Module for UTC-500 Series
UTC-P07-A4E	2D Barcode Module for UTC-500 Series

### Packing List

Description	Quantity
Cable Clamp	2
Barcode Reader Unit	1

#### UTC-500 Peripherals Series Installation Guide



The UTC-500's uniquely designed Side groove creates an attachment area that runs all around the frame; customer can easily attach Peripherals to it where they need



Attach the UTC-peripheral to the UTC 500 series side groove



Fasten the 2 screws to fix the peripheral in place

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