

# UTC-542P-B

## Barcode Reader for UTC-542 Series



### Specifications

	UTC-542P-B01E	UTCP-542-B02E														
Data Type	1D Linear	1D/2D														
Interface	USB															
Performance	Optical System	High performance Linear Imaging Engine														
	Print Contrast	20% minimum reflective difference														
	Minimum Resolution	Typical 3 mil (Code 39, PCS 0.9)														
	Working Distance *1	Up to 24 inches on 100% UPC/EAN symbols Up to 31.5 inches on 20 mil Code 39														
	Light Source	630nm visible red LED														
	Scan Rate	Dynamic scanning rate up to 500 scans per second														
	Reading Direction	Bi-directional (forward and backward)														
Symbologies	Code 39, Code 39 Full ASCII, Code 32, Code 39 Trioptic Code 128, UCC/EAN-128, Codabar, Code 11, Code 93 Standard & Industrial 2 of 5, Interleaved & Matrix 2 of 5 German Postal Code, China Postal Code, IATA UPC/EAN/JAN, UPC/EAN/JAN with Addendum Telepen, MSI/Plessey & UK/Plessey GS1 DataBar (formerly RSS) Linear, Linear-stacked	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  <table border="1"> <thead> <tr> <th>SYMBOLGY / X-DIM</th> <th>TYPICAL RANGE*</th> </tr> </thead> <tbody> <tr> <td>100% UPC</td> <td>55 mm to 280 mm (2.1 in to 11.0 in)</td> </tr> <tr> <td>5 MIL CODE 39</td> <td>61 mm to 130 mm (2.4 in to 5.1 in)</td> </tr> <tr> <td>20 MIL CODE 39</td> <td>60 mm to 380 mm (2.4 in to 15.0 in)</td> </tr> <tr> <td>6.7 MIL PDF417</td> <td>60 mm to 125 mm (2.4 in to 4.9 in)</td> </tr> <tr> <td>10 MIL DATA MATRIX</td> <td>60 mm to 130 mm (2.4 in to 5.1 in)</td> </tr> <tr> <td>20 MIL QR</td> <td>50 mm to 230 mm (2.0 in to 9.0 in)</td> </tr> </tbody> </table> * Typical performance may be impacted by barcode quality and environmental conditions.	SYMBOLGY / 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)
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OS Support	Windows 7, Windows 8, Window 10 IoT Enterprise															
Dimensions	80L x 35W x 38H															
Operating Temperature	0 ~ 40° C															

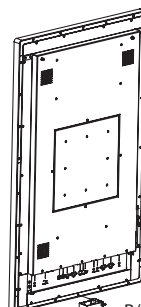
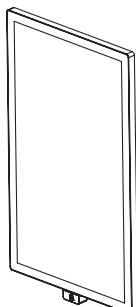
### Packing List

Description	Quantity
Barcode Reader Unit	1

### Ordering Information

P/N	Description
UTC-542P-B01E	1D Barcode Scanner for UTC-542 series (USB connection)
UTC-542P-B02E	1D/2D Barcode Scanner for UTC-542 series (USB connection)

#### UTC-542P Peripherals Series Installation Guide



Customer can easily attach the peripheral by re-using the screw that was taken out from Frame.

R/S M3x8L (1 pcs)