

# UTC-100 Series Peripheral

## Introduction

The UTC-100 Series Peripheral blends simplicity with style. It makes optimal use of space, and its compact design saves money in shipping fees. UTC-100 Series is elegantly designed to fit many different customer scenarios, from kiosks to reception areas. The slim and stylish unit is easy to store, easy to ship and easy to set up. Installation is simple; it can be done in about ten minutes and the finished result makes an attractive, one-piece solution.

## UTC-100P-B\*\*E 2D Barcode module for UTC-100 Series



## UTC-100P-M\*\*E Magnetic Stripe Card Reader for UTC-100 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	
	SYMBOLS / X-DIM	TYPICAL RANGE*
Typical Reading Distances Standard	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 10 & Android	
Dimensions	100 x 37 x 53mm	
Operating Temperature	-10°C to 40°C	

## Packing List

Description	Quantity
Barcode Reader Unit	1
Barcode bracket	1

## Ordering Information

P/N	Description
UTC-100P-B11E	2D Barcode Module for UTC-115 and UTC-120

## Specifications

Interface	USB
Cable Length	50cm
Track Configuration	TRACK 1 / IATA / 210 bpi / 79 Alphanumeric Characters
	TRACK 2 / ABA / 75 bpi / 40 Numeric Characters
	TRACK 3 / Thrift / 210 bpi / 107 Numeric Characters
Card Standard	ANSI/ISO Standards 7810,7811-1-6, 7813
Read Speed	3 ips to 60 ips (7 cm/s to 150 cm/s)
Magnetic Head Life	1,000,000 times (ISO test standard)
OS Support	Windows 10 & Android
Dimensions	96.0 x 17.3 x 26.5 mm
Operating Temperature	0 ~ 40°C

## Packing List

Description	Quantity
Magnetic Stripe Reader Unit	1
Magnetic Stripe Reader bracket	1

## Ordering Information

P/N	Description
UTC-100P-M10E	MSR Module for UTC-115 and UTC-120

# UTC-100P-C\*\*E

## Camera Module for UTC-100 Series



### Specifications

Interface	USB
Cable Length	70cm
Image Resolution	2592 (H) x 1944 (V)
Focusing Range	10 cm~ ∞; Supports auto focus
Frame Rate	640 x 480 @ 30 fps max 1280 x 720 @ 30 fps max 1920 x 1080 @ 30 fps max 1600 x 1200 @ 15 fps max 2592 x 1944 @ 15 fps max
Video Format	MJPEG
OS Support	Windows 10 & Android
Dimensions	101.4 x 22.2 x 11.5 mm
Operating Temperature	0 ~ 40° C

### Packing List

Description	Quantity
Camera Module Unit	1
Camera Module Bracket	1

### Ordering Information

P/N	Description
UTC-100P-C10E	5M Camera Module for UTC-115 and UTC-120

# UTC-100P-R\*\*E

## RFID Reader for UTC-100 series



### Specifications

Interface	USB
Cable Length	50cm
Frequency	13.56 MHz
RFID R/W Mode	Support ISO14443A UID
OS Support	Windows 10 & Android
Dimensions	101 x 37 x 25 mm
Operating Temperature	0 ~ 40° C

### Packing List

Description	Quantity
RFID Module Unit	1
RFID Module Bracket	1

### Ordering Information

P/N	Description
UTC-100P-R10E	RFID Module for UTC-115 and UTC-120

# UTC-100P-S\*\*E

Smart Card Reader for UTC-100 series



## Specifications

Interface	USB
Cable Length	50cm
Card Acceptor/ Reliability	Friction Type (ID-1) , 200,000 cycles
International Standard	Comply with PC/SC 1.0 standard and EMV L1
Compliant IC Card Standard	CPU Card: Comply with ISO7816-1,2,3,T=1 and T=0 protocol Memory Card: Synchronous 2-line, 3-line and I <sup>2</sup> C interface
LED	Dual color LED indicator
OS Support	Windows 10 & Android
Dimensions	101.0 x 34.9 x 33.8 mm
Operating Temperature	0 ~ 40° C

## Packing List

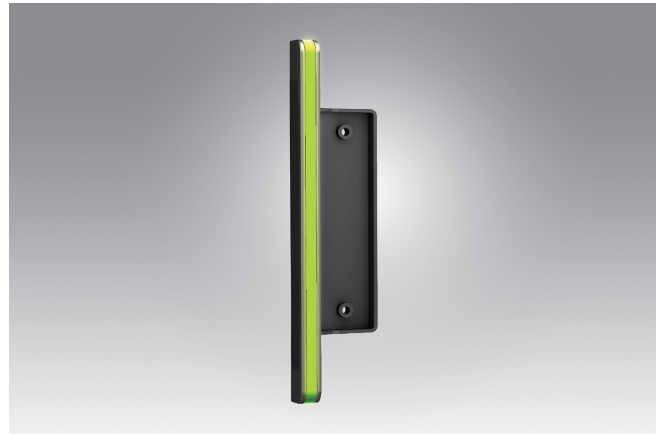
Description	Quantity
Smart card reader Unit	1
Smart card reader Bracket	1

## Ordering Information

P/N	Description
UTC-100P-S10E	Smart card reader Module for UTC-115 and UTC-120

# UTC-100P-L\*\*E

LED Light bar module for UTC-100 series



## Specifications

Interface	USB (Cable Length:50cm)
OS Support	Windows 10 & Android
Dimensions	160.0 x 18.5 x 9.0 mm
Operating Temperature	0 ~ 40° C

## Packing List

Description	Quantity
LED Light bar Unit	1
LED Light bar Bracket	1

## Ordering Information

P/N	Description
UTC-100P-L10E	LED Light bar for UTC-115 and UTC-120

\* In landscape mode, the following orientations are supported:  
 UTC-100G/H/I: Top, Right, Left sides  
 UTC-115/120K: Top side only  
 UTC-124K: Top, Left sides

# UTC-100P-F\*\*E

## FingerPrint Module for UTC-100 Series



### Specifications

Interface	USB
Key Specification	Image resolution: 508DPI Gray scale: 8-bit Array size: 256 x 360 pixels Imaging area: 18.00mm x 12.80mm
Dimensions	101.0 x 34.9 x 9.4 mm
OS Support	Windows 10 & Android
Operating Temperatures	0 ~ 40 °C

### Packing List

Description	Quantity
Fingerprint Module Unit	1
Fingerprint Module Bracket	1

### Ordering Information

P/N	Description
UTC-100P-F10E	Fingerprint Module for UTC-115 and UTC-120