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



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	SYMBOLOGY / 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 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 Scanner for UTC-115/120/124

UTC-100P-M**E

Magnetic Stripe Card Reader for UTC-100 Series



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 Reader for UTC-115/120/124

All product specifications are subject to change without notice.

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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	MJPG
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 for UTC-115/120/124

UTC-100P-R**E

RFID Reader for UTC-100 series



Specifications

	UTC-100P-R10E	UTC-100P-R30E
Interface	USB	USB
Cable Length	50cm	40cm
Frequency	13.56 MHz	13.56 MHz
RFID R/W Mode	ISO14443A UID	ISO14443A ISO14443B ISO15693 ISO18092
OS Support	Windows, Linux, Android	Windows, Linux, Android
Dimensions	101 x 37 x 25 mm	101 x 37 x 25 mm
Operating Temperature	0 ~ 40° C	0 ~ 40° C

Packing List

Description	Quantity
RFID Module Unit	1
RFID Module Bracket	1

Ordering Information

P/N	Description
UTC-100P-R10E	RFID Reader for UTC-115/120/124
UTC-100P-R30E	RFID Reader (NFC) for UTC-115/120/124

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 I²C 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

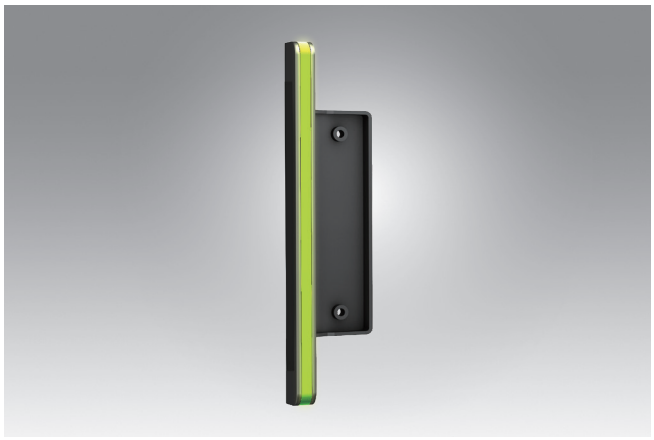
Description	Quantity
Smart card reader Unit	1
Smart card reader Bracket	1

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