

UTC Series Peripheral

Introduction

The UTC Series Peripheral blends simplicity with style. It makes optimal use of space, and its compact design saves money in shipping fees. UTC 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-P01

Camera Module for UTC-500 Series



Specifications

Interface	USB (Cable Length:50cm)
Image Resolution	2592 (H) x 1944 (V)
Focusing Range	10 cm~ ∞; Supports auto focus
Frame Rate	640 x 480 @ 30 fps max 1280 x 1024 @ 30 fps max 1600 x 1200 @ 15 fps max 2592 x 1944 @ 15 fps max
Video Format	MJPEG
OS Support	Windows XP/7/8/10, Android, Linux
Dimensions	130 x 35 x 40 mm
Operating Temperature	0 ~ 40° C

Packing List

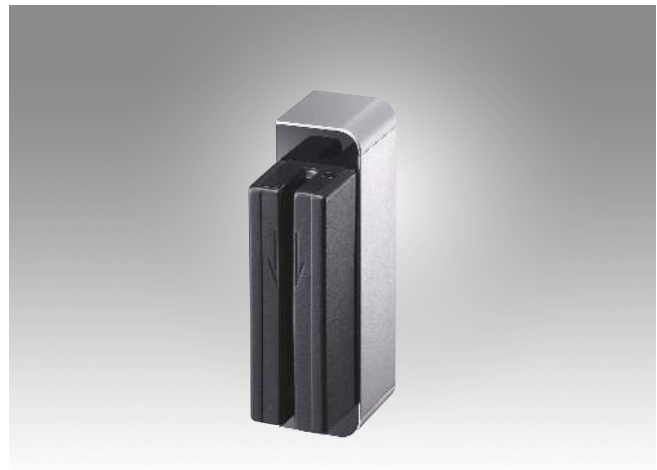
Description	Quantity
Cable Clamp	2
Camera Module Unit	1

Ordering Information

P/N	Description
UTC-P01-A1E	5MP camera module for UTC-500 series

UTC-P02

Magnetic Stripe Card Reader for UTC-500 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, and ABA.
Read Speed	3 ips to 60 ips (7 cm/s to 152 cm/s)
Magnetic Head Life	1,000,000 times (ISO test standard)
OS Support	Windows XP/7/8/10, Android, Linux
Dimensions	130 x 35 x 40 mm
Operating Temperature	0 ~ 40° C

Packing List

Description	Quantity
Cable Clamp	2
Magnetic Stripe Reader Unit	1

Ordering Information

P/N	Description
UTC-P02-A0E	Magnetic stripe reader For UTC-500 series

UTC-P03

RFID Reader for UTC-500 Series



Specifications

Interface	USB			
Frequency	13.56MHz			
NFC R/W Mode	NFC Type V/2/3/4			
HF RFID R/W	ISO 15693, ISO14443A, ISO14443B			
Support Tag Specification				
Standard	Tag Model	UID	R/W	Application
NFC Type 2	NXP NTAG 213/215/216	OK	OK	Brand Protection
	NXP Mifare S50/S70	OK	OK	Electronic Wallet
NFC Type 3	Sony Felica RCS 919/965/966	OK	OK	e-tickets
NFC Type 4	NXP Mifare DesFire EV1 4K	OK		Personal identification
	Panasonic MN63Y1213	OK	OK	BT and Wifi pairing
ISO 15693 (NFC Type V)	TI Tag-it Standard/Pro/Plus	OK	OK	Libraries
	ST LRI2K	OK	OK	Access control
	NXP ICODE SLIX/SLI/SLI-L	OK	OK	Patrol
	Infineon my-d SRF55V02P	OK	OK	Mass transit and event ticketing
	Fujitsu/MM89R118/119	OK	OK	Medical equipment
	ST M24LR04/16/64	OK	OK	Electronic shelf label
ISO 14443A	NXP Mifare Ultralight /Plus X / Plus S	OK		Asset tracking
ISO 14443B	ST SR1X4K	OK	OK	e-purses
Reading Range	5cm ± 1cm			
OS Support	Windows XP/7/8/10, Android, Linux			
Dimensions	130 x 35 x 40 mm			
Operating Temperature	0 ~ 40° C			

Packing List

Description	Quantity
Cable Clamp	2
RFID Reader Unit	1

Ordering Information

P/N	Description
UTC-P03-A1E	RFID reader for UTC-500 series

UTC-P06

Smart Card Reader for UTC-500 Series



Specifications

Interface	USB (Cable Length:50cm)
Card Acceptor/ Reliability	User card Friction Type (ID-1) , 200,000 cycles
Card Reader	CPU card -Complies 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
	Complies with PC/SC version 1.0 standards
OS Support	Windows XP/7/8/10, Android, Linux
Dimensions	130 x 35 x 40 mm
Operating Temperature	0 ~ 40° C

Packing List

Description	Quantity
Cable Clamp	2
Smart Card Reader Unit	1

Ordering Information

P/N	Description
UTC-P06-A1E	Smart card reader for UTC-500 series
UTC-P06-A2E	Smart card reader for UTC-500 series (Android supported)

UTC-P07

2D Barcode Module for UTC-500 Series



Specifications

Interface	USB (Cable Length:50cm)			
Scanning Performance	Scan Rate: 2D mode: 53 images/s			
	Scan angle: 40° (Horizontal), 26° (Vertical)			
Typical Reading Distances Standard	Symbology Code 39	Density	Min. Dist.	Max. Dist.
		0.125 mm/5 mils	4.7 cm/1.8"	17.7 cm/7.0"
	UPC/EAN	0.25 mm/10 mils	1.7 cm/0.7"	33.2 cm/13.1"
		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 /0.9"	
* 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			
OS Support	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 XP/7/8/10, Android, Linux			
Dimensions	130 x 52 x 40 mm			
Operating Temperature	0 ~ 40° C			

Packing List

Description	Quantity
Cable Clamp	2
Barcode Reader Unit	1

Ordering Information

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

UTC-P21

4-in-1 Module including Barcode Reader + RFID + Card Reader + MSR for UTC-500 Series



Specifications

RFID	13.56MHz frequency Read mode: ISO 15693/14443A/B/Felica/MIFARE* detail as below Reading range: 5 ± 1cm
2D Barcode Reader	2D mode scan rate: 56 images Linear emulation scan rate: 200 images/sec Optical resolution: 752x480 pixels, 256 gray levels
Smart Card reader	User card friction type (ID-1), 200,000 cycles SAM card: 5000 insertion Compliant CPU card and memory card
Magnetic Stripe Card reader	Card Standard ANSI, ISO, and ABA. Read Speed 3 ips to 60 ips (7 cm/s to 152 cm/s) Magnetic Head Life 1,000,000 times (ISO test standard)
OS Support	Windows XP/7/8/10, Android, Linux
Dimensions	300 x 35 x 40 mm
Operating Temperature	0 ~ 40° C

Support Tag Spec

Stander	Tag Model	UID	R/W
NFC Type 2	NXP NTAG 213/215/216	OK	OK
	NP MIFARE S50/70	OK	OK
NFC Type 3	Sony FELICA RCS 919/965/966	OK	OK
NFC Type 4	NXP MIFARE DesFire EV1 4K	OK	OK
	Panasonic MN63Y1213	OK	OK
	T1 Tag-it Stander/ Pro/ Plus	OK	OK
	ST LR12K	OK	OK
	NXP ICODE SLIX/SLI/SLI-L	OK	OK
ISO 15693	Infineon my-d SRF55V02P	OK	OK
	Fujitsu/MM89R118/119	OK	OK
	ST M24LR04/16/64	OK	OK
ISO 14443A	NXP MIFARE Ultralight / Plus X / Plus S	OK	OK
ISO 14443B	ST SR1X4K	OK	OK

Packing List

Description	Quantity
Cable Clamp	2
4-in-1 Module Unit	1

Ordering Information

P/N	Description
UTC-P21-A2E	4-in-1 Module for UTC-500 Series

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