TECHNOLOGY SOLUTIONS UK LTD

TSL PRODUCTS
LIST PRICES

1128 *BLUETOOTH*® UHF RFID READER

The 1128 *Bluetooth*® UHF RFID Reader is designed to read and write to EPC Class 1 Gen 2 (ISO18000-6C) UHF transponders and communicate with a variety of host devices via *Bluetooth*® wireless technology.

A range of customisable holders are available by request*. The 1128 can also be configured with class leading high performance 2D data scanning.

Description	Part Number	Contents	List Price (GBP)
1128 *Bluetooth*® UHF RFID Reader (no Imager)	1128-EU-BT-UHF-A1 (ETSI/Europe) 1128-US-BT-UHF-A1 (FCC/North America including Canada) 1128-TW-BT-UHF-A1 (Taiwan) 1128-SG-BT-UHF-A1 (Singapore) 1128-MY-BT-UHF-A1 (Malaysia) 1128-KR-BT-UHF-A1 (South Korea) 1128-HK-BT-UHF-A1 (Hong Kong) 1128-CN-BT-UHF-A1 (China) 1128-AU-BT-UHF-A1 (Australia)	1128 *Bluetooth*® UHF RFID reader (no Imager) with UHF antenna & trigger handle, battery, battery cover, Micro USB cable, USB charger	£795.00
1128 *Bluetooth*® UHF RFID Reader with 2D Imager	1128-EU-BT-UHF-IMG (ETSI/Europe) 1128-US-BT-UHF-IMG (FCC/North America including Canada) 1128-TW-BT-UHF-IMG (Taiwan) 1128-SG-BT-UHF-IMG (Singapore) 1128-MY-BT-UHF-IMG (Malaysia) 1128-KR-BT-UHF-IMG (South Korea) 1128-HK-BT-UHF-IMG (Hong Kong) 1128-CN-BT-UHF-IMG (China) 1128-AU-BT-UHF-IMG (Australia)	1128 *Bluetooth*® UHF RFID Reader with 2D Imager, UHF antenna, trigger handle, battery, battery cover, Micro USB cable, USB charger	£925.00
1128 Slimline Grip attachment	1128-SLG	1x Slimline Grip attachment	£25.00
Belt Holster for 1128 Slimline Grip	1128-HOLST-01-SLG	1x Belt Holster (to fit 1128 with slimline grip)	£33.00
Belt Holster for 1128 Trigger Handle	1128-HOLST-01-TRG	1x Belt Holster (to fit 1128 with trigger handle)	£38.00
4-Slot EasyPack Battery Charger	1136-01-4WMS-CHG	Multi-slot Battery charger, 2x battery retaining clips (Requires Motorola Power Supply PWRS-14000-148R and IEC mains lead, not included)	£145.26
1128 Spare Battery	1128-00-BA-2000	1x Battery, Rechargeable Lithium Polymer - 1128 UHF Reader	£50.58
1128 Accessory Mount	1128-MNT-UNI	1x Accessory Mount	£25.00
1128 Device Mount (Includes Accessory Mount)	1128-MNT-IPADMINI	1x iPad Mini (1st gen) Mount	£40.00
	1128-MNT-IPADAIR2	1x iPad Air (2nd gen) Mount	£40.00
	1128-MNT-IPHN4G	1x iPhone 4 Mount	£30.00
	1128-MNT-IPHN5G	1x iPhone 5 Mount	£30.00
	1128-MNT-IPHN6G	1x iPhone 6 (4.7") Mount	£30.00
	1128-MNT-IPHN6GPLUS	1x iPhone 6 Plus (4.7") Mount	£30.00
	1128-MNT-IPOD4G	1x iPod touch (4th gen) Mount	£30.00
	1128-MNT-IPOD5G	1x iPod touch (5th gen) Mount	£30.00
	1128-MNT-IPOD6G	1x iPod touch (6th gen) Mount	£30.00
	1128-MNT-NEXUS	1x Galaxy Nexus Mount	£30.00
	1128-MNT-MC2100	1x Motorola MC2100 Mount*	£40.00
	1128-MNT-MC40	1x Motorola MC40 Mount*	£40.00
	1128-MNT-MC45	1x Motorola MC45 Mount*	£40.00
	1128-MNT-MOTOG	1x Moto G (1st gen) Mount	£30.00
	1128-MNT-MOTO-G-GEN2	1x Moto G (2nd gen) Mount	£30.00

1128-MNT-ES400	1x Motorola ES400 Mount*	£40.00
1128-MNT-TC55-01	1x Motorola TC55 Mount*	£40.00
1128-MNT-GALAXY-S5	1x Samsung Galaxy S5 Mount	£30.00
1128-MNT-GALAXY-S4	1x Samsung Galaxy S4 Mount	£30.00
1128-MNT-NK1520	1x Nokia 1520 Mount	£30.00

*Currently available in SLS RP materials only. Other handheld device mounts available by special request.

1153 *BLUETOOTH*® WEARABLE UHF RFID READER

The new 1153 *Bluetooth*® Wearable UHF RFID Reader is designed to read and write to C1G2 UHF transponders and communicate with a variety of host devices via *Bluetooth*® wireless technology. The RFID reader chipset is optimised for low power consumption whilst still providing excellent performance in a small and convenient form factor.

The Wearable UHF RFID Reader can be configured with class leading high performance 2D barcode data scanning to bring unparalleled data collection capabilities to connected devices.

Description	Part Number	Contents	List Price (GBP)
1153 Bluetooth® Wearable UHF RFID reader with 2D Imager	1153-EU-BT-UHF-IMG (Europe/ETSI) 1153-US-BT-UHF-IMG (US/FCC) 1153-AU-BT-UHF-IMG (Australia)	Reader, Micro USB cable, Battery	£905.00
1153 Bluetooth® Wearable UHF RFID reader (no Imager)	1153-EU-BT-UHF-A1 (Europe /ETSI) 1153-US-BT-UHF-A1 (US/FCC) 1153-AU-BT-UHF-A1 (Australia)	Reader, Micro USB cable, Battery	£775.00
4-Slot EasyPack Battery Charger (Requires Motorola Power Supply PWRS-14000-148R and IEC mains lead, not included)	1136-01-4WMS-CHG	Multi-slot Battery charger, 2x battery retaining clips	£145.26
1153 Spare Battery	1153-00-BA-1000	1x Battery, Rechargeable Lithium Polymer - for 1153 Bluetooth® Wearable UHF Reader	£32.62

1101 UHF RFID READER FOR THE MOTOROLA MC70/75/75A

The 1101 UHF RFID Reader provides a UHF RFID upgrade path for Motorola MC70, MC75 and MC75A terminals. It snaps on to the bottom of the host terminal and uses the serial port for all data communications.

The reader supports reading and writing of EPC Class 1 Generation 2 (ISO 18000-6C) transponders, and has been designed for operation in European (ETSI EN 302 208) and US (FCC Part 15) regulatory environments, including Dense Reader Mode Capability.

Description	Part Number	Contents	Regional Availability	List Price (GBP)
UHF RFID Reader for the Motorola MC70/75/75A	1101-01-SO-UHF (ETSI) 1101-02-SO-UHF (FCC)	Reader, 2000mAh Li-Poly Battery, 3x (M2x6) pan head screws	EU, US	£645.00
1101 Spare Battery	1101-00-BA-2000	1x Battery, Rechargeable Lithium Polymer – for 1101 UHF Reader	EU, US	£50.58
Accessory Pack Please note: Accessory Pack for the 1101 UHF Reader is a mandatory purchase with the 1101 UHF Reader	1101-01-UHF-ACC (for UK) 1101-02-UHF-ACC (for EU) 1101-03-UHF-ACC (for US)	Power Supply Unit, Region-specific Line Cord, Micro USB Cable	EU, US	£58.85
4-Slot EasyPack Battery Charger (Requires Motorola Power Supply PWRS-14000-148R and IEC mains lead, not included)	1136-01-4WMS-CHG	Multi-slot Battery charger, 2x battery retaining clips	EU, US	£145.26

1126 DESKTOP UHF RFID READER WITH USB

This low profile desktop UHF RFID reader is designed to read and write to EPC Class 1 Generation 2 (ISO 18000-6C) UHF RFID transponders. It is powered by (and communicates via) a standard USB connection, providing a convenient device that can be hosted by any PC. It is designed for operation in either European (ETSI EN 302 208) environments, including Dense Reader Mode Capability or North American FCC environments.

Description	Part Number	Contents	Regional Availability	List Price (GBP)
1126 Desktop UHF RFID Reader with USB	1126-01-DTR-UHF (ETSI) 1126-02-DTR-UHF (FCC)	Reader, Mini USB cable	EU, US	£375.00

1119 UHF RFID READER FOR THE MOTOROLA MC55/65/67

The 1119 UHF RFID Reader provides a UHF RFID upgrade path for Motorola MC55, MC65 and MC67 terminals. It snaps on to the bottom of the host terminal and uses the serial port for all data communications.

The reader supports EPC Class 1 Generation 2 (ISO 18000-6C) transponders, and has been designed for operation in European (ETSI EN 302 208) and US (FCC Part 15) regulatory environments, including Dense Reader Mode Capability.

	Part Number	Contents	Regional Availability	List Price (GBP)
UHF RFID Reader for the Motorola MC55/65/67	1119-01-SO-UHF (ETSI) 1119-02-SO-UHF (FCC)	Reader, 1000mAh Li-Poly battery, 2x locking plates (1x open and 1x closed), 2x M2 countersunk screws	EU, US	£575.00
1119 Spare Battery	1119-00-BA-1000	1x Battery, Rechargeable Lithium Polymer – for 1119 UHF Reader	EU, US	£32.62
Accessory Pack (only required if not using standard Motorola cradles):	MC65-01-ACC-UK MC65-02-ACC-EU MC65-03-ACC-US	Power Supply Unit, Region-specific Line Cord, USB Cable Cup	EU, US	£84.47
4-Slot EasyPack Battery Charger (Requires Motorola Power Supply PWRS-14000-148R and IEC mains lead, not included)	1136-01-4WMS-CHG	Multi-slot Battery charger, 2x battery retaining clips	EU, US	£145.26

1145 MAGNETIC SWIPE READER FOR THE MOTOROLA ET1 ENTERPRISE TABLET

The 1145 Magnetic Swipe Reader is a compact screw-on peripheral for the Motorola ET1 Tablet. It's 3 track Encrypted Magnetic Card Reader allows magnetic stripe data to be read accurately and decoded in a secure, encrypted format.

The built-in encryption engine supports DES, TDES, and AES encryption with DUKPT key management. The information can be encrypted before leaving the read head, making this a perfect solution for applications requiring increased levels of security.

Description	Part Number	Contents	Regional Availability	List Price (GBP)
Magnetic Stripe Reader for Motorola ET1 Tablet	1145-ET1-MSR	Reader, 2x Torx pan head screws (M2.5 x 8mm)	EU, US	£114.38

1139 CONTACT SMART CARD READER FOR MOTOROLA MC91XX AND MC90XX

This accessory for the MC91XX and MC90XX series of terminals provides a Smart Card Reader capable of reading Common Access (CAC) Cards as well as Smart Cards compliant with ISO7816-1,2,3,4. The Smart Card Reader supports T=0 and T=1 protocols, Class A and Class B cards. A PC/SC compliant driver is provided.

The smartcard reader can be quickly detached to allow the use of standard cradles but the reader includes a DC input and Mini USB socket. The DC input socket is used with a standard Motorola power supply (Part Number 50-14000-148R, PWRS-14000-148R or PWRS-14000-148C) to charge the mobile computer without removing the reader.

Description	Part Number	Contents	Regional Availability	List Price (GBP)
Smart Card Reader for Motorola MC91xx and MC90xx	1139-01-SO-MC9X00-CAC	Reader	EU, US	£152.06

1062 BLUETOOTH ® HF RFID & BARCODE HAND SCANNER

This compact, dual technology RFID and laser bar code scanner is battery operated and communicates wirelessly with a host computer via a standard Bluetooth® wireless technology interface. The design incorporates a 1D laser scanner for reading barcodes. The combination dual technology scanner also provides the ability to read and write to ISO15693 13.56MHz high frequency smart label transponders.

The charge cradle provides charging for a spare battery pack as well as the main device, and also provides serial communications with a host PC for firmware up-grades and downloading of batch collected data.

Description	Part Number	Contents	Regional Availability	List Price (GBP)
Bluetooth® HF RFID and Barcode Wearable Scanner Set - 1D Laser Scanner	1062-01-BT-HSCAN-SET	Reader, Cradle, Serial Cable, PSU, Line cord, 1000mAh Li-Poly battery	EU, US	£495.00
1062 Spare Battery	1062-00-BA-1000	1x Battery, Rechargeable Lithium Polymer – for 1062 UHF Reader	EU, US	£32.62
4-Slot EasyPack Battery Charger (Requires Motorola Power Supply PWRS-14000-148R and IEC mains lead, not included)	1136-01-4WMS-CHG	Multi-slot Battery charger, 2x battery retaining clips	EU, US	£145.26

1117 MULTI-ISO HF RFID READER FOR MOTOROLA MC55/65/67

This snap-on accessory provides the Motorola™ MC55/65/67 terminal with High Frequency (HF) RFID functionality. The reader attaches as a snap-on to the Motorola terminal and houses both the RFID reader and the antenna. Power for the reader is obtained from the host terminal.

The HF RFID reader provides the ability to read and write to a wide variety of transponders at 13.56 MHz including ISO 15693, ICODE (I & II) and the complete Mifare family of ISO14443 (A&B).

Description	Part Number	Contents	Regional Availability	List Price (GBP)
Multi-ISO HF RFID Reader for Motorola MC55/65/67	1117-01-SO-MC65-RFID	Reader, 2x locking plates (1x open and 1x closed), 2x M2 countersunk screws	EU, US	£224.38
Accessory Pack (only required if not using standard Motorola cradles)	MC65-01-ACC-UK MC65-02-ACC-EU MC65-03-ACC-US	Power Supply Unit, Region-specific Line Cord, USB Cable Cup	EU, US	£84.47

1059 MULTI-ISO HF RFID READER FOR MOTOROLA MC70/75/75A

This snap-on accessory provides the Motorola™ MC70/75/75A terminal with High Frequency (HF) RFID functionality. The reader attaches as a snap-on to the Motorola terminal and houses both the RFID reader and the antenna. Power for the reader is obtained from the host terminal.

The HF RFID reader provides the ability to read and write to a wide variety of transponders at 13.56 MHz including ISO 15693, ICODE (I & II) and the complete Mifare family of ISO14443 (A&B).

Description	Part Number	Contents	Regional Availability	List Price (GBP)
Multi-ISO HF RFID Reader for Motorola MC70/75/75A	1059-01-SO-MC70-RFID	Reader	EU, US	£232.14

1084 BIOMETRIC TRI SCAN READER FOR THE MOTOROLA MC70/75/75A

The Biometric Tri Scan reader combines contact smart card, contactless smart card and fingerprint biometric capture. The biometric core uses a rugged, high image quality optical fingerprint sensor.

The Tri scan reader is compatible with most contact AND contactless Smart Cards including all Mifare and iClass contactless cards. The contactless card reader is hardware compatible with the CAC, TWIC, FRAC cards as well as ICAO ePassports.

Description	Part Number	Contents	Regional Availability	List Price (GBP)
Biometric Tri-Scan Reader for Motorola MC70/75/75A	1084-03-SO-TSR	Reader	EU, US	£469.00
Biometric Tri-Scan Reader Demo Kit	1084-03-SO-TSR-DEMO	Reader, Sample Contact and Contactless Smartcards, Demonstration CD, Display Case	EU, US	£469.00
Triscan Reader Developer SDK and 12 months Technical Support	1084-SDK	Source Code, Demo Apps, 1x FingerMatch Licence	EU, US	£995.00
ePassport Protocol Kit – adds ePassport communication to the 1084 and 1092 readers	1093-EP-PK	ePassport Protocol, Demo Apps, 1x ePassport Decoder Licence	EU, US	£495.00
ePassport Decoder Licence	1092-EP-L	1x ePassport Decoder Licence. One licence required per Multimodal reader for ePassport reading functionality	EU, US	£24.77

1060 CONTACT SMARTCARD READER FOR MOTOROLA MC70/75/75A

This accessory for the MC70/75/75A series of terminals provides contact Smart Card functionality. The unit attaches as a snap on to the bottom of the terminal. The mechanical design of the module enables the attachment to remain compatible with existing MC70/75/75A accessories such as the desktop charge cradle. The USB port from the terminal is brought through to the docking connector on the bottom of the Smart Card snap-on to provide ActiveSync connectivity to the terminal. Charge is passed through to allow the host terminal to be charged without removing the card reader.

Description	Part Number	Contents	Regional Availability	List Price (GBP)
Contact Smartcard Reader for Motorola MC70/75/75A	1060-02-SO-MC75-CSC	Reader	EU, US	£144.19

1134 LOW FREQUENCY RFID READER FOR MOTOROLA MC55/65

The reader provides the Motorola MC55/65 with Low Frequency (LF) Radio Frequency Identification (RFID) functionality. The LF RFID 1134 attaches as a snap-on to the Motorola terminal and houses both the RFID reader and the antenna. The reader supports a wide variety of LF transponders, including those compatible with the ISO 11784, ISO 11785 and ISO 18000-2.

All power for the reader is supplied by the Motorola terminal, with the reader designed to minimise current consumption and maximise terminal run time.

Description	Part Number	Contents	Regional Availability	List Price (GBP)
Low Frequency RFID Reader for Motorola MC55/65	1134-01-SO-MC65-LF-RFID	Reader, 2x locking plates (1x open and 1x closed), 2x M2 countersunk screws	EU, US	£231.20
Accessory Pack (only required if not using standard Motorola cradles)	MC65-01-ACC-UK MC65-02-ACC-EU MC65-03-ACC-US	Power Supply Unit, Region-specific Line Cord, USB Cable Cup	EU, US	£84.47

1136 4-SLOT BATTERY CHARGER

Convenient solution for charging batteries used in TSL products. Either one, two, three or four batteries can be charged at the same time (each row must have identical capacity batteries). The cradle senses inserted batteries and adjusts its charge rate accordingly. Individual charge status LEDs for each battery slot in addition to a main power supply status LED.

Requires a Motorola Power Supply (50-14000-148R, PWRS-14000-148R or PWRS-14000-148C) and an IEC mains lead.

Description	Part Number	Contents	Regional Availability	List Price (GBP)
4-Slot EasyPack Battery Charger (Requires Motorola Power Supply PWRS-14000-148R and IEC mains lead, not included)	1136-01-4WMS-CHG	Battery charger, 2x battery retaining clips	EU, US	£145.26
1062 Spare Battery	1062-00-BA-1000	1x Battery, Rechargeable Lithium Polymer – for 1062 HF Reader	EU, US	£32.62
1097 Spare Battery	1097-00-BA-2000	1x Battery, Rechargeable Lithium Polymer – for 1097 UHF Reader	EU, US	£50.58
1101 Spare Battery	1101-00-BA-2000	1x Battery, Rechargeable Lithium Polymer – for 1101 UHF Reader	EU, US	£50.58
1119 Spare Battery	1119-00-BA-1000	1x Battery, Rechargeable Lithium Polymer – for 1119 UHF Reader	EU, US	£32.62
1128 Spare Battery	1128-00-BA-2000	1x Battery, Rechargeable Lithium Polymer - 1128 UHF Reader	EU, US	£50.58
1153 Spare Battery	1153-00-BA-1000	1x Battery, Rechargeable Lithium Polymer - for 1153 UHF Reader	EU, US	£32.62

ABOUT

TSL designs and manufactures both standard and custom embedded, snap on and standalone peripherals for handheld computer terminals. Embedded technologies include:

- RFID - Low Frequency, High Frequency & UHF
- *Bluetooth*® wireless technology
- Contact Smartcard
- Fingerprint Biometrics
- 1D and 2D Barcode Scanning
- Magnetic Card Readers
- OCR-B and ePassport

Utilizing class leading Industrial design, TSL develops products from concept through to high volume manufacture for Blue Chip companies around the world. Using the above technologies TSL develops innovative products in a timely and cost effective manner for a broad range of handheld devices.

CONTACT

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