



# Productivity Solutions

Detachable Keyboard  
**RDK-501**



## Key Features

- Foldable design like a laptop
- Touchpad supports multi-finger gestures
- Available in multiple language layouts
- Integrated green backlighting with 4 levels of brightness

## Specs

- IP54 rating
- Operating Temperature :-10°C ~ 50°C
- Dimensions : 280 x 210 x 10mm (11 x 8.27 x 0.4 in)
- Weight: 900g (2 lb)

## Match Products

- SOL PA501, PX501 Gen3, PM-521

## Key Features

- Meet IPX5 and FIPS 201 PIV certification
- Accurately scan and verify biometric characteristics in seconds
- Solid mechanism design and simply plug into USB port

## Specs

- FIPS 201 PIV Certificate
- Capacitive type, 508 dpi
- IPX5 design
- FAP10
- Supports OS : Windows & Android
- Supports Windows Hello plug and play
- Dimensions : 108 x 49 x 28 mm (4.25 x 1.92 x 1.11 in)
- Weight: 40g (0.09 lb)

## Match Products

- SOL PA501, PX501 Gen3, PM-521

Fingerprint Reader  
**RSK-FP02**



# Productivity Solutions

Fingerprint Reader +  
Magnetic Stripe Reader (MSR), 2 in1  
**RSK-FM01**



## Key Features

- Integrated fingerprint reader and MSR reader in one module
- Accurately scan and verify biometric characteristics in seconds
- Solid mechanism design and simply plug into USB port

## Specs

- IPX5 design
- Supports OS: Windows & Android
- Dimensions : 59 x 41 x 23 mm (2.32 x 1.6 x 0.9 in)
- Weight: 105g (0.23 lb)

### — Fingerprint

- FIPS 201 PIV certificate
- Capacitive type, 508 dpi
- FAP10
- Supports Windows Hello plug and play

### — MSR

- Reference Standards : ANSI/ISO Standards 7810, 7811-1/6, 7813, JIS II
- Decoding Method : ISO Track1- IATA , Track2- ABA and Track3 – THRIFT
- Card Swiping Speed : Card speed through the unit may vary from 3 ips to 100 ips

## Match Products

- SOL PA501, PX501 Gen3, PM-521

## Key Features

- Integrated fingerprint reader and MRZ reader in one module
- Solid mechanism design and simply plug into USB port

## Specs

- Supports OS: Windows & Android
- Dimensions : 92 x 38.5 x 23mm (3.62 x 1.52 x 0.9 in)
- Weight: 105g (0.23 lb)

### — Fingerprint

- FIPS 201 PIV certificate
- Capacitive type, 508 dpi
- FAP10
- Supports Windows Hello plug and play

### — MRZ

- Standard OCR fonts: OCR-B
- Machine readable passports (MRP) : 2 lines of 44 characters
- Machine readable visas (MRV) : 2 lines of 44 characters, 2 lines of 36 characters
- Travel documents: 2 lines of 36 characters, 3 lines of 30 characters

## Match Products

- SOL PA501, PX501 Gen3, PM-521

Fingerprint Reader +  
Machine Readable Zone Reader (MRZ), 2 in1  
**RSK-FM02**



# Productivity Solutions

Magnetic Stripe Reader (MSR)  
**RSK-FM03**



## **Key Features**

- Solid mechanism design and simply plug into USB port

## **Specs**

- Reference Standards : ANSI / ISO Standards 7810,7811-1/6, 7813, JIS II
- Decoding Method : ISO Track1- IATA, Track2- ABA and Track3- THRIFT
- Card Swiping Speed : card speed through the unit may vary from 3 ips to 100 ips
- IPX5 design
- Supports OS: Windows & Android
- Dimensions : 59 x 41 x 23 mm (2.32 x 1.6 x 0.9 in)
- Weight: 100g (0.22 lb)

## **Match Products**

- SOL PA501, PX501 Gen3, PM-521

## **Key Features**

- Solid mechanism design and simply plug into USB port

## **Specs**

- Standard OCR fonts: OCR-B
- Machine readable passports (MRP) : 2 lines of 44 characters
- Machine readable visas (MRV) : 2 lines of 44 characters, 2 lines of 36 characters
- Travel documents: 2 lines of 36 characters, 3 lines of 30 characters
- IPX5 design
- Supports OS: Windows & Android
- Dimensions : 92 x 38.5 x 23mm (3.62 x 1.52 x 0.9 in)
- Weight: 100g (0.22 lb)

## **Match Products**

- SOL PA501, PX501 Gen3, PM-521

Machine Readable Zone Reader (MRZ),  
**RSK-FM04**



Magnetic Stripe Reader (MSR)  
+ 2D Barcode Reader, 2 in1  
**SN202-MB01**



## Specs

- Operating Temperature : -20°C ~ 50°C
- Dimensions : 81 x 51 x 40 mm (3.2 x 2 x 1.6 in)
- Weight : 102g (0.22 lb)

### — MSR

- Reference Standards : ANSI / ISO Standards 7810, 7811-1/6, 7813, JIS II
- Decoding Method : ISO Track1- IATA , Track2- ABA and Track3- THRIFT
- Card Swiping Speed : card speed through the unit may vary from 3 ips to 100 ips

### — 2D Barcode Reader

- Symbology : all major 1D & 2D code types
- Scan Rate : 2D mode: 56 images/s auto adaptive

## Match Products

- PM-311B

## Specs

- Operating Temperature : -20°C ~ 50°C
- Dimensions : 85 x 57 x 40 mm (3.4 x 2.2 x 1.6 in)
- Weight : 108g (0.24 lb)

### — MSR

- Reference Standards : ANSI/ISO Standards 7810, 7811-1/6, 7813, JIS II
- Decoding Method : ISO Track1- IATA , Track2- ABA and Track3- THRIFT
- Card Swiping Speed : card speed through the unit may vary from 3 ips to 100 ips

### — MRZ

- Standard OCR Fonts : OCR-B
- Machine Readable Passports (MRP) : 2 lines of 44 characters
- Machine Readable Visas (MRV) : 2 lines of 44 characters, 2 lines of 36 characters
- Travel Documents : 2 lines of 36 characters, 3 lines of 30 characters

## Match Products

- PM-311B

Magnetic Stripe Reader (MSR)  
+ Machine Readable Zone Reader (MRZ), 2 in1  
**SN202-MM01**





# Productivity Solutions

Smart Card Reader + NFC, 2 in 1  
**SN203-SN01**



## Specs

- Dimensions : 102 x 81 x 13 mm (4 x 3.2 x 0.5 in)
- Weight : 80g (0.18 lb)

### – NFC

- Frequency : 13.56MHz
- Tag Type
  - ISO/IEC 14443A, 14443B, 15693
  - MIFARE 1K/4K, Ultralight
  - NFC-IP2 protocol

### – Smart Card Reader

- ISO7816 Compliant
- EMV2000 (EMV 4.1) Compatible
- Support PC/SC1.0 & PC/SC2.0
- Cards
  - Atmel : AT88sc1608, AT88sc153
  - Atmel : AT24c128, AT24c256
  - ST : M14C16, M14C04
  - Siemens 2-wire link protocol : sle4432/42
  - Siemens serial 3-wire bus : sle4418/28

## Match Products

- PX501 Gen3, PM-521

## Specs

- Reading Range : up to 3m (dependent on the tag and environment)
- Frequency Range
  - US : 902MHz- 928MHz
  - EU : 865MHz- 868MHz
  - JP : 916.7MHz- 920.9MHz
- RFID Protocol : EPC global Class 1 Gen2 / ISO 18000-6C
- Dimensions : 99 x 91 x 17 mm (3.9 x 3.6 x 0.65 in)
- Weight: 210g (0.46 lb)

## Match Products

- PX501 Gen3, PM-521(Windows)

UHF RFID Reader  
**RSK-UHF01**



# Office Mounting Solutions

Desktop Dock  
DT04-F



### Specs

- I/O : USB 2.0 x4, RJ45, VGA, HDMI
- Operating Temperature: 0°C ~ 50°C
- Dimensions : 180 x 151 x 77 mm (7.1 x 5.9 x 3 in)
- Weight : 1400g (3.1 lb)

### Match Products

- PX-501, PM-521

### Specs

- I/O : USB 2.0 x4, RJ45, VGA, HDMI
- Operating Temperature: 0°C ~ 50°C
- Dimensions : 196 x 151 x 77 mm (7.7 x 5.9 x 3 in)
- Weight: 620g (1.4 lb)

### Match Products

- PM-311B

Desktop Dock  
DT05



### Specs

- I/O : USB 3.0 x2, USB 2.0 x2, RJ45, VGA, HDMI
- Operating Temperature: 0°C ~ 50°C
- Dimensions : 180 x 151 x 77 mm (7.1 x 5.9 x 3 in)
- Weight : 1400g (3.1 lb)

### Match Products

- SOL PA501, PX501 Gen3

Desktop Dock  
DT06-F



### SKU Options

| SOL PA501 | PX501 Gen3 | PM-521 Windows | PM-521 Android | PM-311B | SKU    | Kensington Lock | USB 3.0 | USB 2.0 | RJ45 | HDMI | VGA | DC-in |
|-----------|------------|----------------|----------------|---------|--------|-----------------|---------|---------|------|------|-----|-------|
|           |            | V              | V              |         | DT04-F | x 1             | N/A     | x 4     | x 1  | x 1  | x 1 | x 1   |
|           |            |                |                | V       | DT05   | x 1             | N/A     | x 4     | x 1  | x 1  | x 1 | x 1   |
|           | V          |                |                |         | DT06-F | x 1             | x 2     | x 2     | x 1  | x 1  | x 1 | x 1   |
| V         |            |                |                |         |        | x 1             | N/A     | x 4     | x 1  | x 1  | x 1 | x 1   |

# Vehicle Mounting Solutions

Vehicle Dock  
**VD04**

## Key Features

- VD04-F with rich ports support additional external devices
- Fuse for over current protection
- Easy swap fuse design
- Lock with pairing key
- Flexible antenna pass-through setting via GUI

## Specs

- IP54 water / dust resistance
- Vibration and Shock Resistance : MIL-STD-810G
- 75 mm/100 mm VESA

### — VD04-M

- Pure mount without I/O ports
- Dimensions : 301 x 231 x 111 mm (11.9 x 9 x 4.4 in)
- Weight : 1200g (2.7 lb)

### Match Products

- SOL PA501, PX501 Gen3, PM-521

### — VD04-F

- Support Ignition
- Power : 9 to 32VDC input, 19VDC 1.57A output
- I/O : USB 2.0 x4, RF pass-through x2, RS-232 x2, RJ45, VGA, HDMI, DI x4, DO x4
- Operating Temperature:-20°C ~50°C
- Dimensions : 301 x 290 x 126 mm (11.9 x 11.4 x 5 in)
- Weight : 2080g (4.6 lb)

### Match Products

- PM-521



Options :



**ACC power kit**



**Cigarette lighter kit**



# Vehicle Mounting Solutions

## Vehicle Dock VD05-F



Options :



Cigarette lighter kit



ACC power kit

### Specs

- Vibration and Shock Resistance : MIL-STD-810G
- 75 mm/100 mm VESA
- Power : 9-32VDC
- I/O : USB 2.0 x4, RS-232 x2, RJ45, VGA
- Operating Temperature:-20°C ~ 50°C
- Dimensions : 124 x 115 x 52 mm (4.9 x 4.5 x 2.04 in)
- Weight : 1450g (3.2 lb)

### Match Products

- PM-311B

### Key Features

- Rich ports support additional external devices
- Fuse for over current protection
- Easy swap fuse design
- Lock with pairing key
- Flexible antenna pass-through setting via GUI

### Specs

- Support Ignition
- IP54 water / dust resistance
- Vibration and Shock Resistance : MIL-STD-810G
- 75 mm/100 mm VESA
- Power : 9 to 32VDC input, 19VDC 1.57A output
- I/O : USB 3.0 x2, USB 2.0 x2, RF pass-through x2, RS-232 x2, RJ45, VGA, HDMI, DI x4, DO x4
- Operating Temperature:-20°C ~ 50°C
- Dimensions : 301 x 290 x 126 mm (11.9 x 11.4 x 5 in)
- Weight : 2080g (4.6 lb)

### Match Products

- SOL PA501, PX501 Gen3

## Vehicle Dock VD06-F



Options :



ACC power kit



Cigarette lighter kit

# Vehicle Mounting Solutions

Vehicle Dock  
**VD10**



Options :

**VC02**

Vehicle charger  
with cigarette plug



**VC03**

Vehicle charger  
with wire cable ACC



## Key Features

- Simple one-handed installation
- Lock with pairing key
- Flexible antenna pass-through setting

## Specs

- Vibration Resistance : MIL-STD-810G
- Power : 12/24 VDC input, 19 VDC 4.74A output
- 75 mm VESA
- RS-232 supports 0V/5V/12V, @1A
- I/O : USB 2.0 x2, RS-232, RJ45, SMA antenna connector x2
- Operating Temperature :-10°C ~ 50°C
- Dimensions : 299 x 72 x 255 mm (11.8 x 2.84 x 10 in)
- Weight : 850g (1.9 lb)

## Match Products

- **VD10B** - PM-521  
(Not compatible for SN203-SN01/  
RSK-UHF01/EB03 installing on PM-521)
- **VD10C** - SOL PA501, PX501 Gen3  
(Not compatible with SN203-SN01/RSK-UHF01/  
EB03 installing on PM-521)

## SKU Options

| SKU                   | VD04-M | VD04-F     | VD05-F | VD06-F     |            | VD10B | VD10C |
|-----------------------|--------|------------|--------|------------|------------|-------|-------|
| USB 3.1 Gen I         | N/A    | N/A        | N/A    | x 2        | N/A        | N/A   | N/A   |
| USB 2.0               | N/A    | x 4        | x 4    | x 2        | x 4        | X 2   | X 2   |
| RS-232                | N/A    | x 2        | x 2    | x 2        | x 2        | X 1   | X 1   |
| RJ45                  | N/A    | x 1        | x 1    | x 1        | x 1        | X 1   | X 1   |
| HDMI                  | N/A    | x 1        | N/A    | x 1        | x 1        | N/A   | N/A   |
| VGA                   | N/A    | x 1        | x 1    | x 1        | x 1        | N/A   | N/A   |
| Audio jack            | N/A    | x 1        | N/A    | x 1        | x 1        | N/A   | N/A   |
| Speaker               | N/A    | x 1        | N/A    | x 1        | x 1        | N/A   | N/A   |
| SMA antenna connector | N/A    | x 2        | Option | x 2        | x 2        | X 2   | X 2   |
| DI/DO                 | N/A    | 4xDI; 4xDO | N/A    | 4xDI; 4xDO | 4xDI; 4xDO | N/A   | N/A   |
| DC-in                 | N/A    | x 1        | X 1    | x 1        | x 1        | X 1   | X 1   |
| SOL PA501             | V      |            |        |            | V          |       | V     |
| PX501 Gen3            | V      |            |        | V          |            |       | V     |
| PM-521 Windows        | V      | V          |        |            |            | V     |       |
| PM-521 Android        | V      | V          |        |            |            | V     |       |
| PM-311B               |        |            | V      |            |            |       |       |

# Mounting Solutions

VESA Bracket  
**VB03**



## Specs

- Dimensions : 189 x 136 x 6 mm (7.44 x 5.35 x 0.24 in)
- Weight : 226g (0.5 lb)

## Match Products

- PM-311B (Not compatible with PM-311B+EB02)

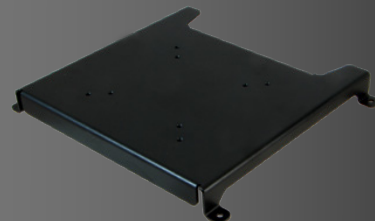
## Specs

- Dimensions : 219 x 199 x 20 mm (8.6 x 7.8 x 0.79 in)
- Weight : 730g (1.61 lb)

## Match Products

- SOL PA501, PX501 Gen3, PM-521

VESA Bracket  
**VB04**



# Power Solutions

Battery  
**EB02**



## Specs

- Extended 2nd 4400mAh battery with hook
- 7.4V, 4400mAh (32.56Wh)

## Match Products

- PM-311B

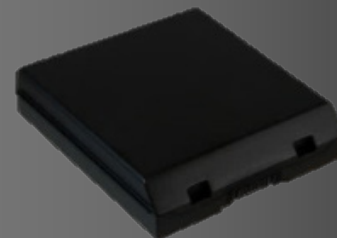
## Specs

- Extended 9000mAh battery
- 10.8V, 9000mAh (97.2Wh)

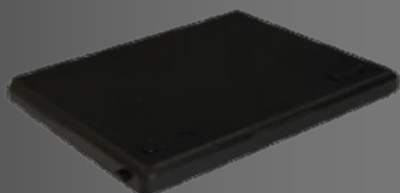
## Match Products

- SOL PA501, PX501 Gen3, PM-521

Battery  
**EB03**



Battery  
**SB01**



## Specs

- Standard 4500mAh battery
- 10.8V, 4500mAh (48.6Wh)

## Match Products

- SOL PA501, PX501 Gen3, PM-521

# Power Solutions

Battery Charger  
**EB100**



## Specs

- 1-bay 2nd battery charger
- Dimensions : 94 x 85 x 34 mm (3.7 x 3.4 x 1.32 in)
- Weight : 140g (0.31 lb)

## Match Products

- PM-311B

## Specs

- 2-bay design, each bay can support both standard and extended battery
- Clear LED indicators, power and charging status
- Share the same power adapter with Tablet
- Dimensions : 154 x 106 x 80 mm (6.1 x 4.2 x 3.2 in)
- Weight : 600g (1.32 lb)

## Match Products

- SOL PA501, PX501 Gen3, PM-521

2-Bay Battery Charger  
**EB200**



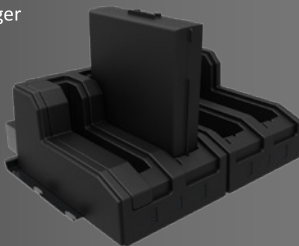
## Specs

- 4-bay design, each bay can support both standard and extended battery
- Clear LED indicators, power and charging status
- Dimensions : 214 x 207 x 83 mm (8.41 x 8.15 x 3.27 in)
- Weight:1530g (3.37 lb)

## Match Products

- SOL PA501, PX501 Gen3, PM-521

4-Bay Battery Charger  
**RSK-BC400**



## Specs

- Vehicle charger with cigarette plug
- Input : 10-32V, 11A Max
- Output : 18.5V (18.5V), 4.9A (4.9A) 90W

## Match Products

- SOL PA501, PX501 Gen3, PM-521, PM-311B

Vehicle Charger  
**VC01**



Vehicle Charger  
**VC02**



## Specs

- Vehicle charger with cigarette plug
- Input : 11-16V / 22-32V
- Output : 19V, 4.73A (89.87W)

## Match Products

- SOL PA501, PX501 Gen3, PM-521, PM-311B

## Specs

- Vehicle charger with wire cable ACC 3 pin
- Input : 11-16V / 22-32V
- Output : 19V, 4.73A (89.87W)

## Match Products

- SOL PA501, PX501 Gen3, PM-521

Vehicle Charger  
**VC03**



## Other Accessories



### Loading Vest

- Easily adjust the vest to support tablet at any angle
- Replace battery without removing the tablet
- Fully adjustable for field worker of all shapes and sizes
- Provide double protection from tablet drop
- Reflective stripes on back of vest

Match Products : SOL PA501, PX501 Gen3, PM-521



### Multi-use Carry Bag

- Capable of multiple ways to wear based on different task needs. It allows the bag to configure into a hip bag, waist bag, thigh bag
- Great for climbing and working at heights

Match Products : SOL PA501, PX501 Gen3, PM-521

# Other Accessories



**7" Hand Strap**



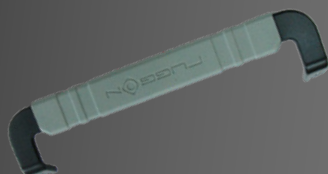
**10" Hand Strap**



**Handle**



**Shoulder Strap**



**Hard Handle RSK-HS01**



**Digitizer Pen**

- PX501 Gen3 IP54 Digitizer Pen



**Stylus**

- PM-311B Stylus
- Rextorm Stylus



**ACC power kit**

- VD04/VD06 Wire Cable ACC 3Pin 2500mm
- VD05 Wire Cable ACC 3Pin 3000mm



**Cigarette lighter kit**

- VD04/VD06 Cable Cigarette Plug 1000mm
- VD05 Cable Cigarette Plug 3000mm



**Anti-Glare Protection Film**

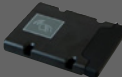


**Screws**

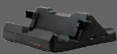
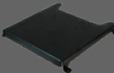
- Rextrom D-ring Screws



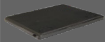
# Application-Oriented Offerings

| Productivity Solutions                           |                                                                                     | First Responder | Public Transportation | Ports | Logistics | Automotive Diagnostic |
|--------------------------------------------------|-------------------------------------------------------------------------------------|-----------------|-----------------------|-------|-----------|-----------------------|
| Detachable Keyboard<br>RDK-501                   |    | V               |                       | V     | V         | V                     |
| Fingerprint Reader<br>RSK-FP02                   |    | V               |                       |       |           |                       |
| Fingerprint Reader +<br>MSR, 2 in1<br>RSK-FM01   |    | V               |                       |       |           |                       |
| Fingerprint Reader +<br>MRZ, 2 in1<br>RSK-FM02   |    | V               |                       |       |           |                       |
| Magnetic Stripe Reader<br>RSK-FM03               |    | V               |                       |       |           |                       |
| Machine Readable Zone<br>Reader<br>RSK-FM04      |   | V               |                       |       |           |                       |
| MSR + 2D Barcode Reader,<br>2 in1<br>SN202-MB01  |  | V               |                       |       |           | V                     |
| MSR+ MRZ, 2 in1<br>SN202-MM01                    |  | V               |                       |       |           |                       |
| Smart Card Reader + NFC,<br>2 in 1<br>SN203-SN01 |  | V               | V                     |       |           |                       |
| UHF RFID Reader<br>RSK-UHF01                     |  |                 |                       | V     | V         | V                     |

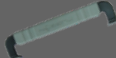
# Application-Oriented Offerings

| Office Mounting Solutions  |                                                                                     | First<br>Responder | Public<br>Transportation | Ports | Logistics | Automotive<br>Diagnostic |
|----------------------------|-------------------------------------------------------------------------------------|--------------------|--------------------------|-------|-----------|--------------------------|
| Desktop Dock<br>DT04-F     |    | V                  | V                        | V     | V         | V                        |
| Desktop Dock<br>DT05       |    | V                  | V                        | V     | V         | V                        |
| Desktop Dock<br>DT06-F     |    | V                  | V                        | V     | V         | V                        |
| Vehicle Mounting Solutions |                                                                                     | First<br>Responder | Public<br>Transportation | Ports | Logistics | Automotive<br>Diagnostic |
| Vehicle Dock<br>VD04       |    | V                  | V                        | V     | V         |                          |
| Vehicle Dock<br>VD05-F     |    | V                  | V                        | V     | V         |                          |
| Vehicle Dock<br>VD06-F     |  | V                  | V                        | V     | V         |                          |
| Vehicle Dock<br>VD10       |  | V                  | V                        | V     | V         |                          |
| Mounting Solutions         |                                                                                     | First<br>Responder | Public<br>Transportation | Ports | Logistics | Automotive<br>Diagnostic |
| VESA Bracket<br>VB03       |  | V                  | V                        | V     | V         |                          |
| VESA Bracket<br>VB04       |  | V                  | V                        | V     | V         |                          |

# Application-Oriented Offerings

| Power Solutions                 |                                                                                     | First Responder | Public Transportation | Ports | Logistics | Automotive Diagnostic |
|---------------------------------|-------------------------------------------------------------------------------------|-----------------|-----------------------|-------|-----------|-----------------------|
| Battery EB02                    |    | V               |                       | V     | V         | V                     |
| Battery EB03                    |    | V               |                       | V     | V         | V                     |
| Battery SB01                    |    | V               |                       | V     | V         | V                     |
| Battery Charger EB100           |    | V               |                       | V     | V         | V                     |
| 2-Bay Battery Charger EB200     |    | V               |                       | V     | V         | V                     |
| 4-Bay Battery Charger RSK-BC400 |    | V               |                       | V     | V         | V                     |
| Vehicle Charger VC01            |  | V               | V                     | V     | V         |                       |
| Vehicle Charger VC02            |  | V               | V                     | V     | V         |                       |
| Vehicle Charger VC03            |  | V               | V                     | V     | V         |                       |
| Other Accessories               |                                                                                     | First Responder | Public Transportation | Ports | Logistics | Automotive Diagnostic |
| Loading Vest                    |  | V               |                       | V     | V         |                       |
| Multi-use Carry Bag             |  | V               |                       | V     | V         |                       |
| Shoulder Strap                  |  | V               |                       | V     | V         |                       |

# Application-Oriented Offerings

| Other Accessories       |                                                                                   | First<br>Responder | Public<br>Transportation | Ports | Logistics | Automotive<br>Diagnostic |
|-------------------------|-----------------------------------------------------------------------------------|--------------------|--------------------------|-------|-----------|--------------------------|
| Handle                  |  | V                  |                          | V     | V         | V                        |
| Hard Handle<br>RSK-HS01 |  | V                  |                          | V     | V         | V                        |
| 7" Hand Strap           |  | V                  |                          | V     | V         | V                        |
| 10" Hand Strap          |  | V                  |                          | V     | V         | V                        |