

Rugged Handheld



Introduction

Based on previous success in rugged mobile devices, Winmate has extended its handheld product lines and generated diverse portable solutions to fulfill different needs. With various sensors (LF / HF RDID, 1D/2D Barcode Reader, and etc.), Winmate rugged handheld devices can be applied to wide range of industries, such as logistics, agriculture, public safety, transportation, medical, and other indoor or outdoor applications under harsh environment.



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Rugged Handheld



Rugged Handheld Series

Rugged Handheld

C350T

- » Support OS Android 2.3.4 / WinCE 6.0 / WEH 6.5
- » 3.5" 240 x 320 LED display with Resistive Touch
- » 5 megapixel digital camera with LED auxiliary backlight
- » IP54 Dust & Water Protection
- » Built-In 21-Key-Mobile alphanumeric keypad with LED backlight
- » Optional Multi-functional design for 1D / 2D Barcode Reader and RFID Scanner
- » Optional 3G/GPS Module



Rugged Handheld

C400M2

- » Support OS Android 4.0
- » 4" 480 x 800 LED display with P-cap Touch
- » 5 megapixel digital camera with LED auxiliary backlight
- » IP54 Dust & Water Protection
- » Built-in 3.5G/GPS Module
- » Built-In 21-Key-Mobile alphanumeric keypad with LED backlight
- » Optional Multi-functional design for 1D / 2D Barcode Reader and RFID Scanner



Rugged Handheld

E430T

- » Support OS Android 2.3.4 / WinCE 6.0 / WEH 6.5
- » 4.3" 480 x 800 LED display with P-cap Touch
- » 5 megapixel digital camera with LED auxiliary backlight
- » 2 megapixel digital camera front Side
- » IP66 Dust & Water Protection
- » Optional 1D/2D Barcode Reader
- » Optional LF/HF RFID reader
- » Optional 3G Module



Rugged Handheld

E430M2

- » Android 4.0 Supported
- » 4.3" 480 x 800 LED display with P-cap Touch
- » 5 megapixel digital camera with LED auxiliary backlight
- » 2 megapixel digital camera front Side
- » IP66 Dust & Water Protection
- » Built-in 3.5G module
- » Optional 1D/2D Barcode Reader
- » Optional LF/HF RFID reader



Rugged Handheld

S430T

- » Support OS Android 2.3.4 / WinCE 6.0
- » 4.3" 480 x 800 LED display with P-cap Touch
- » Embedded with Micro SD card slot
- » IP67 Dust & Water Protection
- » Optional 1D/2D Barcode reader
- » Optional LF/HF RFID reader
- » Optional 3G Module



Rugged Handheld

E430M

- » Android 2.3.4 Supported
- » 4.3" 480 x 800 LED display with P-cap Touch
- » 5 megapixel digital camera with LED auxiliary backlight
- » 2 megapixel digital camera front Side
- » IP66 Dust & Water Protection
- » Built-in 3.5G module
- » Optional 1D/2D Barcode Reader
- » Optional LF/HF RFID reader



Rugged Handheld

S370T

- » Windows CE® 6.0 OS Supported
- » 3.7" 480 x 640 LED display with Resistive Touch
- » Embedded with Micro SD card slot
- » IP67 Dust & Water Protection
- » Optional 1D/2D Barcode reader
- » Optional LF/HF RFID reader
- » Optional 3G Module



Rugged Handheld

S430M2

- » Support OS Android 4.0
- » 4.3" 480 x 800 LED display with P-cap Touch
- » Embedded with Micro SD card slot
- » IP67 Dust & Water Protection
- » Built-in 3.5G/GPS module
- » Optional 1D/2D Barcode reader
- » Optional LF/HF RFID reader



● Default ○ Optional	C Series		E Series			S Series			
	C350T	C400M2	E430T	E430M	E430M2	S370T	S430T	S430(CE)	S430M2
IP Rating	IP54	IP54	IP66	IP66	IP66	IP67	IP67	IP67	IP67
WiFi	●	●	●	●	●	●	●	●	●
Bluetooth	●	●	●	●	●	●	●	●	●
GPS	○	●	●	●	●	●	●	●	●
3.5G	○	●	○	●	●	○	○	○	●
Barcode Reader	○	○	○	○	○	○	○	○	○
RFID Reader	○	○	○	○	○	○	○	○	○
Android 2.3.4	○	-	●	●	-	-	●	-	-
Android 4.0	-	●	-	-	●	-	-	-	●
Windows CE 6.0	●	-	○	-	-	●	-	●	-
WEH (WM 6.5)	-	-	○	-	-	-	-	-	-

3.5" Compact Handheld Device

Winmate C350T Series handheld device is a compact-class PDA with powerful mobile computing solution. Light weight, hand strap design, and strong RF support make C350T series PDA easy to carry around no matter working inside or out of office. Besides its mobility, this device is equipped with resistive touch and keypad, going with rugged design and built-in Barcode / RFID sensor, presenting a great solution for diverse applications.

Features

- » 3.5" display with resistive touch and bundled stylus
- » Support OS Windows CE 6.0 / Android 2.3.4
- » Build-In 21-Key-Mobile alphanumeric keypad with LED backlight
- » Multi-functional design for Barcode Reader 1D / 2D(Optional) and RFID
- » Build-In WiFi / Bluetooth, Optional 3G / GPS for Wireless communication
- » 5M Pixel camera with LED flash (Alternative of RFID)
- » Light-weight with Hand strap to firmly grasp the device with hand (Optional)



Size	3.5"
Model Name	C350T
Display Specification	
Resolution	240x320
Brightness	440 (typ.)
Contrast Ratio	250:1
Touch	4W Resistive Touch
System Specification	
Processor	TI Cortex A8 OMAP DM3730 1.0GHz
System Memory	LPDDR 256MB
Storage	NAND Flash 512MB
Operating System	Windows CE 6.0 (Default) Android 2.3.4
I/O Connectors	
External I/O	1 x Micro USB B-type Port 1 x Docking Port
Internal Audio Device	1 x Microphone 1 x Receiver 1 x 1.2W Speaker
Expansion Slots	1 x Micro SD card slot (up to 32GB) 1 x SIM card Slot
Indicators & Buttons	
Keypad	21-Key
LED indicator	Yes
Wireless Communication	
WLAN	802.11 b/g/n
Bluetooth	Bluetooth 2.1 + EDR
WWAN	Optional 3G module (support WCDMA / HSDPA / HSUPA / GPRS / EDGE)
GPS	Optional GPS module
Mechanical and Environment	
Dimensions (W x L x H)	150 x 78 x 28(22) mm
Weight	280g
Operating Temperature	-10°C to 50°C
Storage Temperature	-20°C to 60°C
Charging Temperature	10°C to 45°C
Operating Humidity	90% RH, non-condensing
IP Proof	IP54
Shock	MIL-STD-810F M516.5
Vibration	MIL-STD-810F M514.5
Drop	MIL-STD-810F M516.5, 4 ft, free to concrete
Certifications	CE, FCC, CCC
Field Service Features	
Power Input	5M Camera with LED flash (optional, Alternative of RFID)
Power Consumption	Yes
Battery Operating Time	1D Image Barcode Reader (Default) 1D Laser Barcode Reader (Optional) 2D Barcode Reader (Optional) RFID (HF, Optional)
Power Management	
Power Input	5V DC power input by power adapter
Power Consumption	5W Max.
Battery	Li-Polymer battery 3.7V / 2600mAh
Battery Operating Time	Low Use Case : 7.5 hrs (Backlight at 10% duty cycle, default level, idle mode)
Adapter	100-240V, 50-60Hz, 5V DC

4" Compact Handheld Device (Available in Q2 , 2013)

Winmate C400M2 Series handheld device is a compact-class PDA with powerful mobile computing solution. Light weight, hand strap design, and strong RF support make C400M2 series PDA easy to carry around no matter working inside or out of office. Besides its mobility, this device is equipped with P-Cap touch and keypad, going with rugged design and built-in Barcode / RFID sensor, presenting a great solution for diverse applications.

Features

- » 4" display with Projective Capacitive Touch
- » Support OS Android 4.0
- » Build-In 21-Key-Mobile alphanumeric keypad with LED backlight
- » Optional Variety Data Capture Solution for Barcode and RFID
- » Build-In WiFi / Bluetooth/ 3G / GPS for Wireless communication
- » 5M Pixel camera with LED flash (Alternative of RFID)
- » Ultra-Light with Hand strap to firmly grasp the device with hand



Size	4"
Model Name	C400M2
Display Specification	
Resolution	480x800
Brightness	300 (typ.)
Contrast Ratio	700:1
Touch	Projective Capacitive Touch
System Specification	
Processor	Cortex A9 Dual core 1.0GHz
System Memory	SDRAM 1GB
Storage	eMMC 4GB
Operating System	Android 4.0
I/O Connectors	
External I/O	1 x Micro USB B-type Port 1 x Docking Port 1 x Microphone
Internal Audio Device	1 x Receiver 1 x 1.2W Speaker
Expansion Slots	1 x Micro SD card slot (up to 32GB) 1 x SIM card Slot
Indicators & Buttons	
Keypad	21-Key
LED indicator	Yes
Wireless Communication	
WLAN	802.11 a/b/g/n
Bluetooth	Bluetooth version 3.0 High Speed / 4.0 LE
WWAN	7.2 Mbps HSDPA / 5.76 Mbps HSUPA
GPS	Built-in GPS module
Mechanical and Environment	
Dimensions (W x L x H)	150 x 78 x 28(22) mm
Weight	280g
Operating Temperature	-10°C to 50°C
Storage Temperature	-20°C to 60°C
Charging Temperature	10°C to 45°C
Operating Humidity	90% RH, non-condensing
IP Proof	IP54
Shock	MIL-STD-810F M516.5
Vibration	MIL-STD-810F M514.5
Drop	MIL-STD-810F M516.5, 4 ft, free to concrete
Certifications	CE, FCC, CCC
Field Service Features	
Power Input	5M Camera with LED flash (optional, Alternative of RFID)
Power Consumption	Yes
Battery Operating Time	1D Image Barcode Reader (Default) 1D Laser Barcode Reader (Optional) 2D Barcode Reader (Optional) RFID (HF, Optional)
Power Management	
Power Input	5V DC power input by power adapter
Power Consumption	5W Max.
Battery	Li-Polymer battery 3.7V / 2600mAh
Battery Operating Time	TBD
Adapter	100-240V, 50-60Hz, 5V DC

4.3" Elegant Industrial PDA (Available in Q2 , 2013)

Winmate E Series is an enterprise-class PDA with powerful mobile computing solution. E430T series PDA is compatible with diverse OS and supports 3.5G, WiFi, and Bluetooth wireless communication features, bringing a new level of flexibility, functionality, and mobility. Under its elegant looks, E430T's rugged design supports IP66 water and dust proof (IP65 for models with barcode /RFID scanner) which secures the PDA in diverse applications under harsh environment.

Features

- » 4.3" LED display with Projective Capacitive Touch
- » Support OS Android 2.3.4 / Windows CE 6.0 / Windows Embedded Handheld
- » 5M Pixel Auto-focus digital camera with LED flash at rear side
- » 2M Pixel digital camera at front side
- » IP66 Dust & Water Protection
- » Compliant with MIL-STD-810G Standard
- » Light-weight for easily portable



Size	4.3"	
Model Name	E430T	E430T w/ scanner
Display Specification		
Resolution	480x800	
Brightness	400 (typ.)	
Contrast Ratio	800:1	
Touch	Projective Capacitive Touch	
System Specification		
Processor	TI Cortex A8 OMAP DM3730 1.0GHz	
System Memory	MDDR 512MB	
Storage	NAND Flash 512MB	
Operating System	Android 2.3.4 (Default) Windows CE 6.0 Windows Embedded Handheld (Windows Mobile 6.5)	
I/O Connectors		
External I/O	1 x Micro USB B-type Port 1 x Headset Jack	1 x Micro USB B-type Port
Internal Audio Device	1 x Microphone 1 x Receiver 1 x 1.2W Speaker	
Expansion Slots	1 x Micro SD card slot (up to 32GB) 1 x SIM card Slot	
In Front Control		
Control Buttons	1 x Volume + 1 x Volume - 1 x Power Button 1 x Function Key 4 x Capacitive Buttons	
LED Indicator	Yes	
Wireless Communication		
WLAN	802.11 b/g/n	
Bluetooth	Bluetooth 2.1 + EDR	
WWAN	Optional 3G module (support WCDMA / HSDPA / HSUPA / GPRS / EDGE)	
GPS	Built-in GPS module	
Mechanical and Environment		
Dimensions (W x L x H)	132.5 x 82 x 21 mm	132.5 x 82 x 25.7 mm
Weight	220g	232g
Operating Temperature	-10°C to 60°C	
Charging Temperature	10°C to 45°C	
Operating Humidity	95% RH, non-condensing	95% RH, non-condensing
IP Proof	IP66	IP65
Shock	MIL-STD-810G M516.6	MIL-STD-810F M516.5
Vibration	MIL-STD-810G M514.6	MIL-STD-810F M514.5
Drop	MIL-STD-810G M516.6, 5 ft, free to concrete	MIL-STD-810F M516.5, 4 ft, free to concrete
Certifications	CE, FCC, CCC	
Field Service Features		
Camera	5M AF Camera with LED auxiliary light (at rear side) 2M Camera (at front side)	
Proximity Sensor	Yes	
Data Capture	N/A	1D Image Barcode Reader (E430T-3GBC) 1D Laser Barcode Reader (E430T-3GBL) 2D Barcode Reader (E430T-3GB2) HF RFID Reader (E430T-3GHF)
Power Management		
Power Input	5V DC power input by power adapter	
Power Consumption	2.5W Max.	10W Max.
Battery	Li-Polymer battery 3.7V / 2600mAh	
Battery Operating Time	Low Use Case : 10 hrs	Low Use Case : 8 hrs
Adapter	5V / 1A Adapter	

4.3" Elegant Industrial PDA

Winmate E Series is an enterprise-class PDA with powerful mobile computing solution. E430M series PDA is built-in with 3.5G, WiFi, and Bluetooth wireless communication features, bringing a new level of flexibility and mobility for task users. Under its elegant looks, E430M's rugged design supports IP66 water and dust proof (IP65 for models with barcode /RFID scanner) which secures the PDA in diverse applications under harsh environment.

Features

- » 4.3" LED display with Projective Capacitive Touch
- » Support OS Android 2.3.4
- » 5M Pixel Auto-focus digital camera with LED flash at rear side
- » 2M Pixel digital camera at front side
- » IP66 Dust & Water Protection
- » Compliant with MIL-STD-810G Standard
- » Light-weight for easily portable



Size	4.3"	
Model Name	E430M	E430M w/ scanner
Display Specification		
Resolution	480x800	
Brightness	400 (typ.)	
Contrast Ratio	800:1	
Touch	Projective Capacitive Touch	
System Specification		
Processor	ARM 11 650MHz	
System Memory	MDDR 512MB	
Storage	NAND Flash 512MB	
Operating System	Android 2.3.4	
I/O Connectors		
External I/O	1 x Micro USB B-type Port 1 x Headset Jack	1 x Micro USB B-type Port
Internal Audio Device	1 x Microphone 1 x Receiver 1 x 1.2W Speaker	
Expansion Slots	1 x Micro SD card slot (up to 32GB) 1 x SIM card Slot	
In Front Control		
Control Buttons	1 x Volume + 1 x Volume - 1 x Power Button 1 x Function Key 4 x Capacitive Buttons	
LED Indicator	Yes	
Wireless Communication		
WLAN	802.11 b/g	
Bluetooth	Bluetooth 2.1 + EDR	
WWAN	Built-in 3G module (support WCDMA / HSDPA / HSUPA / GPRS / EDGE)	
GPS	Built-in GPS module	
Mechanical and Environment		
Dimensions (W x L x H)	132.5 x 82 x 21 mm	132.5 x 82 x 25.7 mm
Weight	220g	232g
Operating Temperature	-10°C to 60°C	
Charging Temperature	10°C to 45°C	
Operating Humidity	95% RH, non-condensing	95% RH, non-condensing
IP Proof	IP66	IP65
Shock	MIL-STD-810G M516.6	MIL-STD-810F M516.5
Vibration	MIL-STD-810G M514.6	MIL-STD-810F M514.5
Drop	MIL-STD-810G M516.6, 5 ft, free to concrete	MIL-STD-810F M516.5, 4 ft, free to concrete
Certifications	CE, FCC, UL, CCC	
Field Service Features		
Camera	5M AF Camera with LED auxiliary light (at rear side) 2M Camera (at front side)	
Proximity Sensor	Yes	
Data Capture	N/A	1D Image Barcode Reader (E430M-3GBC) 1D Laser Barcode Reader (E430M-3GBL) 2D Barcode Reader (E430M-3GB2) HF RFID Reader (E430M-3GHF)
Power Management		
Power Input	5V DC power input by power adapter	
Power Consumption	2.5W Max.	10W Max.
Battery	Li-Polymer battery 3.7V / 2600mAh	
Battery Operating Time	Low Use Case : 18 hrs	Low Use Case : 14 hrs
Adapter	5V / 1A Adapter	

4.3" Elegant Industrial PDA

Winmate E Series is an enterprise-class PDA with powerful mobile computing solution. E430M2 series PDA is built-in with 3.5G, WiFi, and Bluetooth wireless communication features, bringing a new level of flexibility and mobility for task users. Under its elegant looks, E430M2's rugged design supports IP66 water and dust proof (IP65 for models with barcode /RFID scanner) which secures the PDA in diverse applications under harsh environment.

Features

- » 4.3" LED display with Projective Capacitive Touch
- » Support OS Android 4.0
- » 5M Pixel Auto-focus digital camera with LED flash at rear side
- » 2M Pixel digital camera at front side
- » IP66 Dust & Water Protection
- » Compliant with MIL-STD-810G Standard
- » Light-weight for easily portable



Size	4.3"	
Model Name	E430M2	E430M2 w/ scanner
Display Specification		
Resolution	480x800	
Brightness	400 (typ.)	
Contrast Ratio	800:1	
Touch	Projective Capacitive Touch	
System Specification		
Processor	Cortex A9 Dual core 1.0GHz	
System Memory	SDRAM 1GB	
Storage	eMMC 4GB	
Operating System	Android 4.0	
I/O Interface		
External I/O	1 x Micro USB B-type Port 1 x Headset Jack 1 x Microphone	1 x Micro USB B-type Port
Internal Audio Device	1 x Receiver 1 x 1.2W Speaker	
Expansion Slots	1 x Micro SD card slot (up to 32GB) 1 x SIM card Slot	
In Front Control		
Control Buttons	1 x Volume + 1 x Volume - 1 x Power Button 1 x Function Key 4 x Capacitive Buttons	
LED Indicator	Yes	
Wireless Communication		
WLAN	802.11 a/b/g/n	
Bluetooth	Bluetooth version 3.0 High Speed / 4.0 LE	
WWAN	7.2 Mbps HSDPA / 5.76 Mbps HSUPA	
GPS	Built-in GPS module	
Mechanical and Environment		
Dimensions (W x L x H)	132.5 x 82 x 21 mm	132.5 x 82 x 25.7 mm
Weight	220g	232g
Operating Temperature	-10°C to 60°C	
Charging Temperature	10°C to 45°C	
Operating Humidity	95% RH, non-condensing	95% RH, non-condensing
IP Proof	IP66	IP65
Shock	MIL-STD-810G M516.6	MIL-STD-810F M516.5
Vibration	MIL-STD-810G M514.6	MIL-STD-810F M514.5
Drop	MIL-STD-810G M516.6, 5 ft, free to concrete	MIL-STD-810F M516.5, 4 ft, free to concrete
Certifications	CE, FCC, UL, CCC	
Field Service Features		
Camera	5M AF Camera with LED auxiliary light (at rear side) 2M Camera (at front side)	
Proximity Sensor	Yes	
Data Capture	N/A	1D Image Barcode Reader (E430M-3GB2) 1D Laser Barcode Reader (E430M-3GB1) 2D Barcode Reader (E430M-3GB2) HF RFID Reader (E430M-3GRF)
Power Management		
Power Input	5V DC power input by power adapter	
Power Consumption	2.5W Max.	10W Max.
Battery	Li-Polymer battery 3.7V / 2600mAh	
Battery Operating Time	TBD	TBD
Adapter	5V / 1A Adapter	

3.7" Super Rugged Handheld Device

S370T's ultra rugged design complying with MIL-STD-810F and IP67 protection which secure the PDA in diverse applications under harsh environments, such as offshore industry, petroleum industry and police officers. Under the strong case is its powerful RF communication features. Besides the default built-in WiFi and Bluetooth modules, S370 Series PDA supports GPS and 3G (optional) allowing tracking location and transferring real-time data.

Features

- » 3.7" LED display with resistive touch and bundled stylus
- » Support OS Windows CE 6.0
- » IP67 Dust & Water Protection
- » 5M Pixel Auto-focus digital camera with LED flash
- » Compliant with MIL-STD-810F Standard
- » Optional 1D/2D barcode reader
- » Optional LF/HF RFID reader



Size	3.7"	
Model Name	S370T	
Display Specification		
Resolution	480x640	
Brightness	400 (typ.)	
Contrast Ratio	1000:1	
Touch	4W Resistive Touch	
System Specification		
Processor	TI Cortex A8 OMAP DM3730 1.0GHz	
System Memory	Mobile DDR RAM 256MB	
Storage	NAND Flash 512MB	
Operating System	Windows CE 6.0	
I/O Connectors		
External I/O	1 x Serial Port (RS232) 1 x Mini USB OTG (Mini A 5 pin Female Type) 1 x Docking Port for DC in 1 x 2.50 5V/3A DC Power Input	
Internal Audio Device	1 x Microphone 1 x 1.2W Speaker	
Expansion Slots	1 x Microphone 1 x 1.2W Speaker	
In Front Control		
Keypad	21-Key	
LED Indicator	Yes	
Wireless Communication		
WLAN	802.11 b/g/n	
Bluetooth	Bluetooth 2.1 + EDR	
WWAN	Optional 3G module (support HSPA/ UMTS / GPRS / WCDMA / GSM)	
GPS	Built-in GPS module	
Mechanical and Environment		
Dimensions (W x L x H)	179 x 99 x 38 mm	
Weight	450g	
Operating Temperature	-20°C to 60°C	
Charging Temperature	10°C to 45°C	
Operating Humidity	95% RH, non-condensing	
IP Proof	IP67	
Shock	MIL-STD-810F M516.5	
Vibration	MIL-STD-810F M514.5	
Drop	MIL-STD-810F M516.5, 4 ft, free to concrete	
Certifications	CE, FCC, CCC	
Field Service Features		
Camera	5M Pixel AF Camera with LED auxiliary light	
Proximity Sensor	Yes	
Data Capture	1D Image Barcode Reader (S370T-BR1) 1D Laser Barcode Reader (S370T-BR1L) 2D Barcode Reader (S370T-BR2) HF RFID Reader (Optional) LF RFID Reader (Optional)	
Power Management		
Power Input	5V DC power input by power adapter	
Power Consumption	10W Max.	
Battery	Li-Polymer battery 3.7V / 5000mAh	
Battery Operating Time	Low Use Case : 6 hrs (Backlight at 10% duty cycle, default level, idle mode)	
Adapter	15W Adapter	

4.3" Super Rugged Handheld Device

S430T series handheld device is designed for rugged application under harsh environments. Its rugged design is comply with MIL-STD-810F and IP67 water and dust proof, providing the device from possible damage in outdoor environments Under the strong case It is equipped with powerful RF communication features. The default built-in WiFi and Bluetooth modules, support GPS and 3G (optional) allow tracking location and transferring real-time data.

Features

- » 4.3" LED display with Projective Capacitive Touch
- » Support OS Windows CE 6.0 / Android 2.3.4
- » IP67 Dust & Water Protection
- » 5M Pixel Auto-focus digital camera with LED flash
- » Compliant with MIL-STD-810F Standard
- » Optional 1D/2D barcode reader
- » Optional LF/HF RFID reader



Size	4.3"	
Model Name	S430T	
Display Specification		
Resolution	480x800	
Brightness	400 (typ.)	
Contrast Ratio	800:1	
Touch	Projective Capacitive Touch	Resistive Touch
System Specification		
Processor	TI Cortex A8 OMAP DM3730 1.0GHz ARM 11 650MHz	
System Memory	LPDDR 256MB	
Storage	NAND Flash 512MB	
Operating System	Android 2.3.4	Windows CE 6.0
I/O Interface		
External I/O	1 x Serial Port (RS232)	
	1 x Mini USB OTG (Mini A 5 pin Female Type)	
	1 x Docking Port for DC in	
	1 x 2.5Ø 5V/3A DC Power Input	
Intenal Audio Device	1 x Microphone	
	1 x 1.2W Speaker	
Expansion Slots	1 x Micro SD card slot (up to 16GB)	
	1 x SIM card Slot	
In Front Control		
Keypad	10-Key	35-Key
LED Indicator	Yes	Yes
Wireless Communication		
WLAN	802.11 b/g/n	
Bluetooth	Bluetooth 2.1 + EDR	
WWAN	Optional 3G module (support HSPA/ UMTS / GPRS / WCDMA / GSM)	
GPS	Built-in GPS module	
Mechanical and Environment		
Dimensions (W x L x H)	179 x 99 x 38 mm	
Weight	450g	
Operating Temperature	-20°C to 60°C	
Charging Temperature	10°C to 45°C	
Operating Humidity	95% RH, non-condensing	
IP Proof	IP67	
Shock	MIL-STD-810F M516.5	
Vibration	MIL-STD-810F M514.5	
Drop	MIL-STD-810F M516.5, 4 ft, free to concrete	
Certifications	CE, FCC	
Field Service Features		
Camera	5M Pixel AF Camera with LED auxiliary light	
Proximity Sensor	N/A	
Data Capture	1D Image Barcode Reader (S430T-BR1)	
	1D Laser Barcode Reader (S430T-BR1L)	
	2D Barcode Reader (S430T-BR2)	
	HF RFID Reader (Optional) LF RFID Reader (Optional)	
Power Management		
Power Input	5V DC power input by power adapter	
Power Consumption	2.3W Max.	2.3W Max.
Battery	Li-Polymer battery 3.7V / 5200mAh	
Battery Operating Time	Low Use Case : 18 hrs	Low Use Case : 14 hrs
Adapter	5V / 3A Adapter	

4.3" Super Rugged Handheld Device (Available in Q2 , 2013)

S430M2 series handheld device is designed for rugged application under harsh environments. Its rugged design is comply with MIL-STD-810F and IP67 water and dust proof, providing the device from possible damage in outdoor environments. Under the strong case is its powerful RF communication features. S430M2 supports built-in WiFi / Bluetooth / GPS / 3G modules, allowing tracking location and transferring real-time data anytime and anywhere.

Features

- » 4.3" LED display with Projective Capacitive Touch
- » Support OS Android 4.0
- » IP67 Dust & Water Protection
- » 5M Pixel Auto-focus digital camera with LED flash
- » Compliant with MIL-STD-810F Standard
- » Optional 1D/2D barcode reader
- » Optional LF/HF RFID reader



Size	4.3"	
Model Name	S430M2	
Display Specification		
Resolution	480x800	
Brightness	400 (typ.)	
Contrast Ratio	800:1	
Touch	Projective Capacitive Touch	
System Specification		
Processor	Cortex A9 Dual core 1.0GHz	
System Memory	SDRAM 1GB	
Storage	eMMC 4GB	
Operating System	Android 4.0	
I/O Interface		
External I/O	1 x Serial Port (RS232)	
	1 x Mini USB OTG (Mini A 5 pin Female Type)	
	1 x Docking Port for DC in	
	1 x 2.5Ø 5V/3A DC Power Input	
Intenal Audio Device	1 x Microphone	
	1 x 1.2W Speaker	
Expansion Slots	1 x Micro SD card slot (up to 16GB)	
	1 x SIM card Slot	
In Front Control		
Keypad	10-Key	
LED Indicator	Yes	
Wireless Communication		
WLAN	802.11 a/b/g/n	
Bluetooth	Bluetooth version 3.0 High Speed / 4.0 LE	
WWAN	7.2 Mbps HSDPA / 5.76 Mbps HSUPA	
GPS	Built-in GPS module	
Mechanical and Environment		
Dimensions (W x L x H)	179 x 99 x 38 mm	
Weight	450g	
Operating Temperature	-20°C to 60°C	
Charging Temperature	10°C to 45°C	
Operating Humidity	95% RH, non-condensing	
IP Proof	IP67	
Shock	MIL-STD-810F M516.5	
Vibration	MIL-STD-810F M514.5	
Drop	MIL-STD-810F M516.5, 4 ft, free to concrete	
Certifications	CE, FCC	
Field Service Features		
Camera	5M Pixel AF Camera with LED auxiliary light	
Proximity Sensor	YES	
Data Capture	1D Image Barcode Reader (S430T-BR1)	
	1D Laser Barcode Reader (S430T-BR1L)	
	2D Barcode Reader (S430T-BR2)	
	HF RFID Reader (Optional) LF RFID Reader (Optional)	
Power Management		
Power Input	5V DC power input by power adapter	
Power Consumption	10W Max.	
Battery	Li-Polymer battery 3.7V / 5200mAh	
Battery Operating Time	TBD	
Adapter	15W Adapter	