

RTC-1200

Rugged Tablet Computer

User's Manual 4th Ed

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Packing List

Before setting up your product, please make sure the following items have been shipped:

ltem	1	Quantity
•	RTC-1200	1
•	Power Adapter	1

If any of these items are missing or damaged, please contact your distributor or sales representative immediately.

This User's Manual contains all the essential information, such as detailed descriptions and explanations on the product's hardware and software features (if any), its specifications, dimensions, jumper/connector settings/definitions, and driver installation instructions (if any), to facilitate users in setting up their product.

Users may refer to the product page at AAEON.com for the latest version of this document.

Note: This document is intended for use with the RTC-1200. For RTC-1200SK user manual, please contact your AAEON sales representative to obtain a copy.

Safety Precautions

Please read the following safety instructions carefully. It is advised that you keep this manual for future references

- 1. All cautions and warnings on the device should be noted.
- 2. Make sure the power source matches the power rating of the device.
- 3. Position the power cord so that people cannot step on it. Do not place anything over the power cord.
- Always completely disconnect the power before working on the system's hardware.
- 5. No connections should be made when the system is powered as a sudden rush of power may damage sensitive electronic components.
- If the device is not to be used for a long time, disconnect it from the power supply to avoid damage by transient over-voltage.
- 7. Always disconnect this device from any AC supply before cleaning.
- 8. While cleaning, use a damp cloth instead of liquid or spray detergents.
- 9. Make sure the device is installed near a power outlet and is easily accessible.
- 10. Keep this device away from humidity.
- 11. Place the device on a solid surface during installation to prevent falls
- 12. Do not cover the openings on the device to ensure optimal heat dissipation.
- 13. Watch out for high temperatures when the system is running.
- 14. Do not touch the heat sink or heat spreader when the system is running
- 15. Never pour any liquid into the openings. This could cause fire or electric shock.
- 16. As most electronic components are sensitive to static electrical charge, be sure to ground yourself to prevent static charge when installing the internal components. Use a grounding wrist strap and contain all electronic components in any static-shielded containers.

- 17. If any of the following situations arises, please the contact our service personnel:
 - i. Damaged power cord or plug
 - ii. Liquid intrusion to the device
 - iii. Exposure to moisture
 - iv. Device is not working as expected or in a manner as described in this manual
 - v. The device is dropped or damaged
 - vi. Any obvious signs of damage displayed on the device
- DO NOT LEAVE THIS DEVICE IN AN UNCONTROLLED ENVIRONMENT WITH TEMPERATURES BEYOND THE DEVICE'S PERMITTED STORAGE TEMPERATURES (SEE CHAPTER 1) TO PREVENT DAMAGE.
- Do not use the battery pack if any part of it is protruding or inflated. Replace with a new battery pack immediately.
- 20. If the battery pack cannot be charged (won't hold a charge, system is unable to charge it), replace the battery pack with a new one immediately.



This device complies with Part 15 FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received including interference that may cause undesired operation.

Caution:

There is a danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions and your local government's recycling or disposal directives.

Attention:

Il y a un risque d'explosion si la batterie est remplacée de façon incorrecte. Ne la remplacer qu'avec le même modèle ou équivalent recommandé par le constructeur. Recycler les batteries usées en accord avec les instructions du fabricant et les directives gouvernementales de recyclage.

产品中有毒有害物质或元素名称及含量

AAEON System

QO4-381 Rev.A0

	有毒有害物质或元素					
部件名称	铅	汞	镉	六价铬	多溴联苯	多溴二苯
	(Pb)	(Hg)	(Cd)	(Cr(VI))	(PBB)	醚(PBDE)
印刷电路板		0	\circ	0	0	\sim
及其电子组件	×	0	0	0	0	0
外部信号		0	0	0		
连接器及线材	×	0	0	0	0	0
外壳	0	0	0	0	0	0
中央处理器		0	0	0	\cap	
与内存	×	0	0	0	0	0
硬盘	×	0	0	0	0	0
液晶模块	×	×	0	0	0	0
光驱	×	0	0	0	0	0
触控模块	×	0	0	0	0	0
电源	×	0	0	0	0	0
电池	×	0	0	0	0	0

本表格依据 SJ/T 11364 的规定编制。

 〇:表示该有毒有害物质在该部件所有均质材料中的含量均在 GB/T 26572标准规定的限量要求以下。

×: 表示该有害物质的某一均质材料超出了GB/T 26572的限量要求, 然而该部件

仍符合欧盟指令2011/65/EU 的规范。

备注:

一、此产品所标示之环保使用期限,系指在一般正常使用状况下。

二、上述部件物质中央处理器、内存、硬盘、光驱、电源为选购品。

三、上述部件物质液晶模块、触控模块仅一体机产品适用。

China RoHS Requirement (EN)

Hazardous and Toxic Materials List

AAEON System

QO4-381 Rev.A0

	Hazardous or Toxic Materials or Elements					
Component Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominat ed biphenyls (PBBs)	Polybrominat ed diphenyl ethers (PBDEs)
PCB and Components	х	0	0	0	0	0
Wires & Connectors for Ext.Connections	х	0	0	0	0	0
Chassis	0	0	0	0	0	0
CPU & RAM	Х	0	0	0	0	0
HDD Drive	Х	0	0	0	0	0
LCD Module	Х	Х	0	0	0	0
Optical Drive	Х	0	0	0	0	0
Touch Control Module	х	0	0	0	0	0
PSU	Х	0	0	0	0	0
Battery	Х	0	0	0	0	0

This form is prepared in compliance with the provisions of SJ/T 11364.

O: The level of toxic or hazardous materials present in this component and its parts is below the limit specified by GB/T 26572.

X: The level of toxic of hazardous materials present in the component exceed the limits specified by GB/T 26572, but is still in compliance with EU Directive 2011/65/EU (RoHS 2). **Notes:**

1. The Environment Friendly Use Period indicated by labelling on this product is applicable only to use under normal conditions.

2. Individual components including the CPU, RAM/memory, HDD, optical drive, and PSU are optional.

3. LCD Module and Touch Control Module only applies to certain products which feature these components.

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Chapter 1

Product Specifications

1.1 Specifications

System	
Processor	7 th Gen Intel Processors (formerly Kaby Lake)
	Core i5-7300U Dual Core up to 3.9 GHz
	Core i3-7100U Dual Core up to 3.9 GHz
	Celeron 3965U Dual Core 2.2 GHz
Operating System	$Windows^{\mathbb{B}}$ 10 IoT Enterprise 64bit (Default)
	Windows $\ensuremath{^{ extsf{B}}}$ 7 (Optional, systems with Skylake
	processors)
Memory	DDR3L SODIMM Socket x 1, up to 8GB
	DDR4 SODIMM Socket (Optional)
Storage	M.2 (NGFF) SSD, 64GB (Default)
Display	11.6" FHD (1920x1080) 300-nit / 1000-nit
	TFT-LCD With Projected Capacitive
	Multi-Touch Screen
I/O Port	HDMI port x 1
	SIM card slot x 1
	Micro-SD card slot x 1
	Audio jack x 1 (3.5mm)
	USB 3.2 Gen 1 x 1 (Type A)
	USB 3.2 Gen 1 x 1 (Type C) (Optional)
	USB 2.0 x 2 (Type A)
	DC-in Jack x 1
	RS-232/422/485 COM Port x 1
	10/100/1000 Base-T RJ45 Ethernet x 1
Wireless Communication	Wi-Fi 802.11 b/g/n, Bluetooth v4.1

RTC-1200

System	
Navigation	GPS, GLONASS
WWAN (optional)	LTE via mini-card slot (Optional)
Camera	2 MP front camera
	5 MP auto-focus rear camera with flash
Sensor	G-sensor, E-compass, Gyro-sensor,
	Light-sensor
Expansion Slot	Docking connector x 1
	GNSS antenna Pass-through connector x 1,
	WWAN antenna Pass-through connector x 1
Barcode Scanner (Optional)	2D Barcode scanner, OPTICON MDI-4100-USB
	(Optional)
HF RFID (Optional)	ISO 15693 (R/W)
	ISO 18092 (R/W)
	ISO 14443-A (R/W)
	ISO 14443-B (Read Only UID)
	Depending on card type
Physical Key	F0 or Windows (Windows Start Key)
	F1 (Ctrl+Alt+Del & Barcode Scanner Trigger)
	F2 (Touch Mode Switch)
	F3 (PrtSc/Print Screen)
	Volume Up, Volume Down

Chapter 1 – Product Specifications

Mechanical	
Color	Gray & Black
Dimension (W x H x D)	12.36" x 7.87" x 0.96" (310.4mm x 200mm x 24.5mm)
Gross Weight	3.3 lbs. (1.5 kg)
Environmental	
Operating Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Storage Temperature	-67°F ~ 158°F (-55°C ~ 70°C)
Humidity	50°C; 5% ~ 90% R/H; 120 hours,
	non-condensing
Environmental Sealing	IP65
Vibration	MIL-STD-810G Method 514.6 Procedure I, Cat.
	24, Fig. 514.6E-1 & E-2
Drop	MIL-STD-810G Method 516.6 Procedure IV
	Height of Drop: 122cm (48 inch; 4ft),
	Number of Drop: 26 times
	Floor: 2 inch plywood backed by concrete
	For all surfaces, edges and corners
ESD	Air charge: +/- 8KV, Contact charge: +/- 4KV
Certifications and Standards	UL: UL60950-1, CE/LVD: EN60950-1, FCC, CE

Chapter 1 – Product Specifications

AC
Ba
M
Sla

Power Supply	
AC / DC Adapter	AC 100~240V, 50~60 Hz; DC 19V/3.42A (65W)
Battery Life	Dual Li-ion High Capacity Batteries, up to 10
	Hours Battery Life
Master Battery	Hot-swappable battery: 14.4V, 2270mAh, 32.7W
Slave Battery	Hot-swappable battery: 14.4V, 2270mAh, 32.7W

Display	
LCD	11.6" TFT-LCD/ 16:9, with LED backlight
Resolution	1920 x 1080 pixel
Maximum Color	16.7M
Dot Size	0.117 x 0.117(H)
Brightness	1000 nits; 300 nits (Optional)
Viewing Angle	Horizontal: 178° (Typ.), Vertical: 178° (Typ.)

Touchscreen	
Touch Type	11.6" Projected Capacitive Multi-Touch Screen
	Gloves / Finger Switchable by F2
Light Transmission	Min 87% (ASTM D1003; Wavelength = 550 nm)

Chapter 2

Getting Started

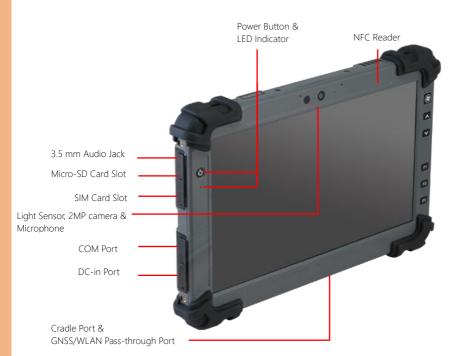
2.1 Product Overview

Front View





Side View (Left)



Label	Function
NFC Reader	ISO 15693 (R/W)
	ISO 18092 (R/W)
	ISO 14443-A (R/W)
	ISO 14443-B (Read Only UID)
	Depending on card type
Power Button	Shut down/power on & sleep mode by Power Options in
	System Settings
LED Indicator	Battery Charge Status; Orange or Green (full)
3.5 mm Audio Jack	Usable with any audio device with a 3.5 mm jack.

Label	Function	
micro-SD card Slot	support up to SDXC 2TB	
SIM Card Slot	Usable with standard-size SIM cards only.	
Light Sensor	Ambient Light Sensor	
2MP camera	1080p FHD Webcam	
Microphone	DMiC for speech/voice program	
COM Port	RS232/422/485	
DC-in Port	AC Power input: 100V-240V, 50Hz-60Hz, 65W output: 19V	
Cradle & GNSS/WLAN	For interaction with docking station I/O	
Pass-through Port		

Side view (Right)



Label	Function
Windows Key	Start Menu Key
Volume Up	Speaker volume up
Volume Down	Speaker volume down
F1	Ctr+Atl+Del as Soft Reboot & BCR Trigger Button (When
	BCR is enable)
F2	Touch Modes Switch; Finger (Rain) or Gloves
F3	Print Screen
HDMI	HDMI 1.4
USB3.0	Type A slot
USB2.0	Type A slot
USB2.0	Type A slot
RJ45	GbE LAN

Rear View



Part	Function
5MP Camera & Flash	QSXVGA Camera with Flash
Battery Bay	Battery bay for 2 batteries

2.2 Notes before use

Before using your device, please read through the following instructions

- Use only the power adapter that came with your device. Using a different power adapter may cause damage.
- The AC adapter is designed for use with the RTC-1200 only.
- This product is intended to be supplied with a Listed Power Adapter or DC power source, rated 19Vdc, 3.42A minimum, Tma = 40°C. Please contact AAEON for further assistance.
- Using a power outlet is the best way to charge your device (refer to section 1.2 for the adapter's voltage output and acceptable input)
- When using the device for the first time, fully charge the battery for up to 8 hours. If the device is inactive, charging the battery once per month is recommended to prevent deterioration.
- There are two batteries in the RTC-1200: both batteries can be monitored at the title bar). Charge the device once Battery 1 drops below 20%
- Always allow your battery to be fully charged before use. Calibrating the battery before use is highly recommended.
- To prolong battery life, allow a fully charged battery to discharge more than 95% before recharging.
- Ensure that the battery cover is properly secured by manually pushing the pin to lock position.
- The RTC-1200 CANNOT be charged via an USB connection.
- The IP65 waterproof protection may get damaged when subjected to shocks greater than levels tested in MIL-STD-810G Method 516.6 Procedure IV. The protection may also be affected if the rubber connector fails to cover or close firmly.

2.3 Turning on the Device



- The power button turns your device on and off. Hold the button for one second to power on.
- To start or wake up from sleep mode, hold the power button for 0.5 seconds until the shutdown confirmation is shown. If the system remains unresponsive, press and hold the power button to force power off. Caution: shutting down the system in this manner may result in data loss. It is strongly recommended that important data is backed up on a regular basis.

2.4 Touch Controls

Gesture	Action	
Single Tap	Single taps allow users to open any files or applications or	
	select text input area	
Long Tap	Long tapping an icon allows it to be moved freely on the	
(Tap and Hold)	screen. This gesture also opens the context menu, letting	
	you cut, copy, rename, delete the selected file, or select	
	multiple files for batch actions	

2.5 COM Port Pin Definition (RS232/422/485)



Serial Port Pin Definition			
Pin No	RS232	RS485	RS422 & 485 1T/1R
1	DCD	DATA-	TX-
2	RX	DATA+	TX+
3	ТХ		RX+
4	DTR		RX-
5	GND		
6	DSR		
7	RTS		
8	CTS		
9	RI		

Chapter 3

System Settings

3.1 Settings Screen

The Settings screen allows you to configure some settings of your RTC-1200 which includes:

Main Category	Sub Category
	Display
Suctom	Notifications
System	Apps
	Power
	Bluetooth
Device	Printers
	Mouse
	Wi-Fi
Networks & Internet	Airplane Mode
	VPN
	Background
Personalization	Lock Screen
	Colors
	Your Account
Accounts	Sync Settings
Accounts	Work
	Family
	Speech
Time & Language	Region
	Date

RTC-1200

Main Category	Sub Category
	Narrator
Ease of Access	Magnifier
	High Contrast
	Location
Privacy	Camera
	Windows Update
Update & Security	Recovery
	Backup

To enter the Settings Menu

From the Home Screen



1. Open the Charm Bar.



2. Tap Settings



3.1.1 System

1. Go to Settings> System> Display.

← Settings	- 🗆 X
🐼 SYSTEM	Find a setting ρ
Display	Identify Detect Connect to a wireless display
Notifications & actions	Change the size of text, apps, and other items: 100% (Recommended)
Apps & features	Orientation
Multitasking	Landscape \vee
Tablet mode	Lock rotation of this display
Battery saver	Off Brightness level
Power & sleep	
Storage	Adjust my screen brightness automatically
Offline maps	Apply Cancel
Default apps	Advanced display settings
About	

•Font Size:

Adjust the font size here.

·Display Rotation:

Rotation of display is locked when set to On.

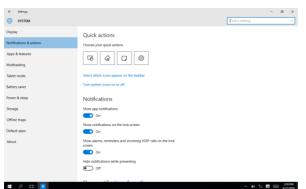
·Brightness:

Allow the device to adjust the screen brightness automatically.

Configuring Notifications

1. Go to Settings > System

2. Select Notifications & actions



·Show app notifications:

Turn app notifications On or Off.

·Lock Screen:

Turn notifications on the lock screen On or Off.

·Alarms, Reminders, Incoming VOIP calls:

Turn On or Off displaying notifications on the lock screen

for alarms, reminders and incoming VOIP calls

Configuring Apps & Features

1. Go to Settings> System> Apps & features

SYSTEM	Find a setting Apps & features	ρ
	Anna Q fastures	
eotifications & actions	Apps & reatures Manage optional features	
Apps & features	Search, sort, and fifter by drive. If you would like to uninstall or move an app, select it from the list.	
Multitasking Tablet mode	Type an app nume	
Battery saver	Show apps on all drives	
Power & sleep	Intel(R) Processor Graphics 74.2 MB Intel Corporation 4/B/2016	
Storage Diffine maps	NOPProximityInstaller 9.52 MB NOP Semiconductors 4/B/2016	
Default apps	Guectel USB Drivers For UC208UC15&EC20 8.81 MB Guectel Wireless, Co,Ltd. 4/8/2016	
About	u-center v8.12 Unavailable u-biox 4/13/2016	
	Windows Driver Puckage - u-blox AG (ublox Unavailable u-blox AG 4/13/2016	

2. You can view the amount of the space used by applications installed on your system.

Configuring Power Settings

1. Go to Settings> System

€- Settings	- 0 ×
SYSTEM	find a setting
Display	Screen
Notifications & actions	On battery power, turn off after
Apps & features	4 minutes V
Multitasking	When plugged in, turn off after
Tablet mode	Never 🗸
Battery saver	Sleep
Power & sleep	On battery power, PC goes to sleep after
Storage	4 minutes 🗸
Offline maps	When plugged in, PC goes to sleep after
Default apps	Never 🗸
About	Wi-Fi
	On battery power, stay connected to Wi-Fi while asleep
	Viben plugged in, stay connected to Wi-Fi while asleep
ء م 🗈	∧ ■ */(〒 100 million 100

2. Select Power & Sleep.

3. Set up how long the system waits when idle before turning off the screen and entering sleep mode.

3.1.2 Device

Adding Printers & Scanners

1. Go to Settings>Devices.

€- Settings		- ø ×
DEVICES		Find a setting F
hinters & scanners	Add printers & scanners	
Connected devices		
Buetooth	+ Add a printer or scanner	
Mouse & touchpad	Printers	
Typing	Microsoft Print to PDF	
AutoPlay	Microsoft Print to PDF	
	Microsoft XPS Document Writer	
	Download over metered connections	
	To help prevent extra charges, keep this off so device software (drivers, info, and apps) for new devices won't download while you're on metered Internet connections.	
	Related settings	
	Devices and printers	
	Device manager	
# P @ 0		∧ 📾 📜 🗮 🛄 🔐 506.PM
• / 0 1		

- 2. Select Printers & Scanners.
- 3. You may add a printer or scanner.

Pairing Bluetooth devices 1. Go to Settings>Devices.

← Settings			- a	×
DEVICES		Find a setting		P
Printers & scanners	Manage Bluetooth devices			
Connected devices	Bluetcoth			
Bluetooth	Your PC is searching for and can be discovered by Bluetooth			
Mouse & touchpad	devices.			
Typing	Bluetooth Notebook Mouse 5000 Paired			
AutoPlay	AUGUSLIANG-NB Ready to pair			
	KIMO-L823-0723 Ready to pair			
	AA-LATI-2154 Ready to pair			
	Bluetooth USB Host Controller Ready to pair			
	PC000758 Ready to pair			
	Unknown Ready to pair			
	Related settings	· · · ·		

- 2. Select **Bluetooth** to turn on the Bluetooth.
- 3. Search and select the device you would like to pair with.

3.1.3 Network & Internet

Connecting to a Wi-Fi Network

1. Go to Settings> Network & Internet> Wi-Fi

÷	Settings			-	٥	×
٢	NETWORK & INTERNET		Find a setting			P
MI-F	1	Wi-Fi				
Airpi	lane mode	On On				
Celli.	usage	AAEON-Wireless				
	ile hotspot	6. ⁵⁰³ 82				
VPN		AAEON-Wireless-PEAP				
Dial-	up	AAEONWireless25				
Ethe Prax		AMEON-Wireless2F-1				
		ONVX_ORION_SERVER				
		RMD_SW_24G				
		TP-LINK				
		twbisonic01				
		3.4505				
Ŧ	A 🖸 🔽		^ ∞ %		523 601	PM 2006

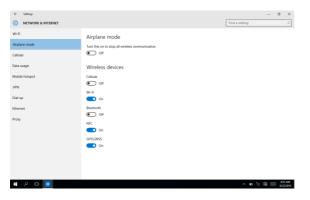
2. Select the access point you wish to connect to from

the list.

3. Enter the network password and tap Connect

Activating Airplane Mode

1. Go to Settings> Network> Airplane mode.



2. Turn on airplane mode to stop all wireless communication, or select which wireless devices to disable.

Configuring VPN

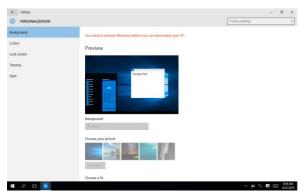
1. Go to Settings> Network> VPN

2. Enter the VPN information into the fields and tap Save.

3.1.4 Personalization Settings

Background, Colors, and Lock Screen

1. Go to Settings> Personalization



2. Set Background image, system colors, lock screen or

system theme

3.1.5 Accounts

Configuring User Accounts

1. Go to Settings> Accounts.

Account's Find a verting // Nor account Sign is captions Account Work access More accesed More access More accesed More access More a					
An exacution in the second with the second with a second w	€- Settings			0	o x
Sep in options Work across Samp so use settings Work across Samp so use settings Work across the setting across the settin			Find a setting		P
Work exers And The Andread State Sta	Your account	You need to activate Windows before you can personalize your PC			
Work Kortel Low Account in the source stating and first automatically spect. Use statements to end you of on al you? Spec you writing: Spec you writing: Work Kortel Use statements to end you of on al you? Spec you writing: Spec you writing: Work Kortel Use you writing: Work Kortel Spec you writing:	Sign-in options				
Anny 4 store uses Spra your setting:		Atom			
Tandy to ther uses Siny your settings	Work access	Local Account			
Sper your settings: Use a Advocant to easily get all your shift on all your " Sper to make a Advocant and and the advocant and advocant and advocant and advocant and advocant and advocant ad	Family & other users	Partition and			
Your picture	Sync your settings	Use a Microsoft account to easily get all your stuff on all your			
		Sign in with a Microsoft account instead			
		8			
# P D 0 へいた 見 B54M		and the second s			
	a o 🛛 🚺		^ m *	: 13 🖂	851AM 6/22/2016

2. Configure User Account settings. Note: You must be logged into the Administrator account or have Administrator privileges to configure other users on the

3.1.6 Time & Language Settings

Configuring Date & Time

1. Go to Settings> Time & Language

Settings TIME & LANGUAGE		Find a setting	 0	×
Date & time	Date and time			
Region & language	12:42 PM, Wednesday, June 22, 2016			
Speech	Set time automatically			
	On On			
	Change date and time			
	Diarge			
	1.11			
	Time zone			
	(UTC+08:00) Talpei			
	(C) Off			
	Formats			
	First day of week: Sunday			
	Short date: 6/22/2016			
	Long date: Wednesday, June 22, 2016			
	Short time: 1242 PM			
	Long time: 12:42:07 PM			
# P © 🔽	Change date and time formats		134	

2. Set the device's date and time, time zone, and display

format here.

3.1.7 Ease of Access Settings

Configuring Accessibility

1. Go to Settings> Ease of Access

Events or ACCESS Tind a setting Narrator Hear text and controls on the screen Magnifier Narrator is accene made that reads all the elements on screen, it is to and pottoms. High contrast Narrator is accene made that reads all the elements on screen, it is to and pottoms. Cover dougtions Image: Control of the screen of the screen of the screen of the screen of the screen. Notice Image: Control of the screen of the screen. Other options Image: Control of the screen of the screen. Voice Voice		Ρ
Hear text and Controls on the screen Nagnifier High central: High central: High central: Obset options Cosed options KeyNoati Do an Example Mode Other options One Other options		
Voice		
Crose a voice Second function Speed Ruth Sounds you hear		1547 PM

2. Configure settings for system accessibility, including

narrator, magnifier, high contrast, closed captions,

keyboard, mouse and other options.

3.1.8 Privacy Settings

Changing Privacy Options

1. Go to Settings> Privacy

← Settings			- 1	a ×
PRIVACY		Find a setting		P
Centreal Centreal Centreal Centreal Severt, Hing, & hyping Account info Centreal Cen	Change privacy options A laps use my substituting D for expensions aroos age and the set your C is a laps of the set o			7
				920 AM
# 2 © <u>0</u>		^ D %		9:30 AM 6/22/2016

2. Configure privacy settings here.

Windows Updates

1. Go to Settings> Update & Security.

Settings UPDATE & SECURITY		Find a setting	-	ø	х
Windows Update Windows Delmoder Backup Recovery Activation For developers	Windows Update Toor device is up to state. Last checked 5/15/2016, 158 PM Check for update: Available updates will be downloaded and installed automatically. Looking to info on the last updates? Looking to info on the last updates? Available updates				

2. Check for updates and configure Windows Update,

B 🖂 🖁

Windows Defender, system backup, recovery and

Windows Activation here.

/ @ 🖸

Chapter 4

Optional Accessories

4.1 Barcode Scanner

The barcode scanner enables the RTC-1200 to read and scan barcodes for a wide variety of purposes. **Note:** Barcode scanner does not ship with any software or SDKs.

Perform the following test to check if the scanner is working properly:

- 1. Open Notepad
- 2. Scan a barcode
- 3. If the scanner is working, the code will be scanned and entered into the Notepad document.

For detailed specifications and operating instructions, please refer to the barcode scanner manual in the driver disk provided.

You can scan the barcode below to change the USB interface type.





@MENU_OPTO@ZZ@X.Z @C01@ZZ@OTPO_UNEM@

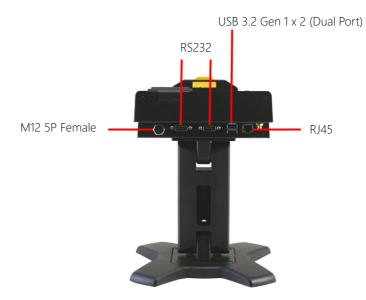
Description	Code
Change to Maintenance mode	x.z
Defaults USB VCP	C01

RTC-1200

4.2 Docking Station

The docking station provides users with a stable and convenient platform when using the RTC-1200 at a workstation or desktop. The docking station provides additional I/O ports, and allows users to connect a keyboard and mouse.





4.2.1 Specifications

Connectors & LED indicators	
I/O	USB 2.0 x 2
	USB 3.2 Gen 1 x 2 (Dual Port)
	RJ45 jack for 10/100/1000 Base-TX
	Ethernet x 1
	RS-232 x 2
	External antenna for GPS and WWN x 2
DC Input	M12 5P Female (DC 9V to 36V)
LED Indicator	Orange: DC in w/o Tablet Blue: DC in w/ Tablet

Mechanical	
Color	Black
Construction	PC
Dimensions (W x H x D)	261 x 165 x 75 mm (10.28 x 6.5 x 2.96")
Gross Weight	2.92 kg (6.44 lbs.)

Environmental	
Operating Temperature	0°C ~ 40°C (32 ~ 104°F)
Storage Temperature	-10°C ~ 50°C (14 ~122°F)
ESD	Air +/- 8KV, Contact +/- 4KV
EMI/ Safety	CE/ FCC Class B/ UL

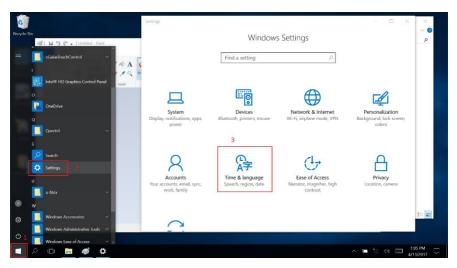
Power Supply

AC/DC Adapter

AC Power Input: 100 ~ 240 V, 47 ~ 63 Hz, 90 W output: 19 V, 4.74 A

4.3 Install Camera Metro UI

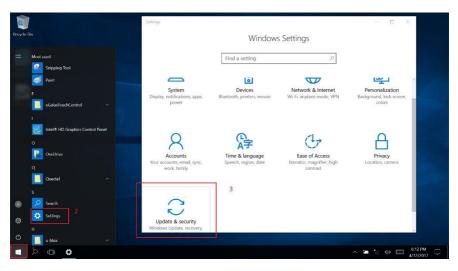
1. Open Windows Settings menu and go to Time & language:



2. Change date and time to May 1, 2015 as shown below:

	← Settings	- 🗆 X	×
Recycle Bin	Home	Date and time	9 ک
	Find a setting 🔎	1:07 PM, Thursday, April 13, 2017	
Intel® HD Graphics C	Time & language	Set time automatically	
	👼 Date & time 1	Off Set time zone automatically	
TouchControl	⊀ [≇] Region & language	 Off 	
	Q Speech	Change date and time	
Change date and time		Change 2	
Change date and time		Time zone UTC-08:00) Pacific Time (US & Canada)	
Cate			
May ~ 1 ~ 2016 ~	3	Adjust for daylight saving time automatically On	
Time			
1 ~ 06 ~ PM ~		Formats	100 x
		First day of week: Sunday	
	Change Cancel		07.014
= > 🗆 📄 🇳 🌣			13/2017 🖓

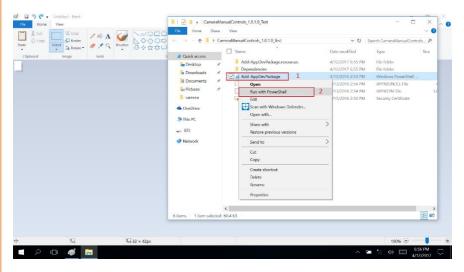
3. Go back to Windows Settings and go to Update & security:



4. Open "For developers" submenu and enable Developer mode. Click "Yes" to confirm.

	← Settings	- 🗆 X
Recycle Bin	Home	Use developer features
P	Find a setting	These settings are intended for development use only. Learn more
Intel® HD Graphics C	Update & security	Windows Store apps
	C Windows Update	Only install apps from the Windows Store.
RouchControl	Windows Defender	Sideload apps Install apps from other sources that you trust, like your
	→ Backup	workplace.
camera	③ Recovery	O Developer mode 2
	 Activation 	Jse developer features Turning on developer mode, including installing and running apps from outside the
	A Find My Device 1	Windows Store, could expose your device and personal data to security risks or harm your device.
	For developers	Turn on developer mode?
	P ₂ Windows Insider Prog≀	Yes No
		Device discoverv
ع ال ٢		∧ ■ */2 400 === 628 PM 4/12/2017 ↓

5. Right-click Add-AppDevPackage file and select "Run with PowerShell"



6. Press A, then press Enter to execute.

23 Windows PowerShell	-		×
Execution Policy change The execution policy helps protect you from scripts that you do not trust. Changing the execution policy m you to the security risks described in the about_Execution_Policies help topic at http://go.microsoft.com//wink/?LinkID=135170. Do you want to change the execution_Policy? [Y] ves [Ld] ves to All] [A] No [L] No to All [5] suspend [?] help (default is ""):	ight e	xpose	Â
D 🛅 💋 🔨 🔨	0)	1:07 PM 5/1/2016	Ę
		5/1/2016	

7. After installation is complete, restart the system. You should see the Camera Manual Controls app in the Start Menu.



Appendix A

Statements

A.1 Statements

Declarations and Safety Statements

Federal Communications Commission Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions: (1) This device may not cause harmful interference (2) This device must accept any interference received, including interference that may cause undesired operation.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment causes harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

RF Exposure Information (SAR)

This device meets the government's requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR limit set by the FCC is 1.6W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the EUT transmitting at the specified power level in different channels.

The highest SAR value for the device as reported to the FCC is 1.01 W/kg when placed next to the body.

The FCC has granted an Equipment Authorization for this device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this device is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid on the FCC ID: OHBRTC1200WBGH

Federal Communication Commission (FCC) Radiation Exposure Statement This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance.

A.2 Canadian Notice

IC Regulations

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. This Category II radio communication device complies with Industry Canada Standard RSS-310.

Ce dispositive de radio communication de catégorie II respecte la norme CNR-310 d'Industrie Canada.

IC Radiation Exposure Statement

This EUT is compliant with SAR for general population/uncontrolled exposure limits in IC RSS-102 and has been tested in accordance with the measurement methods and procedures specified in IEEE 1528. This equipment should be installed and operated with minimum distance 0 cm between the radiator and your body.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

The County Code Selection feature is disabled for product marketed in the U.S. and Canada.

For products available in the U.S./Canada markets, only channels 1-11 can be operated. The selection of other channels is not possible.

A.3 Safety Caution

Important Safety Instructions

Power Safety Requirement

Products with electrical current ratings up to 3A and weighs more than 1 Kg must use approved power cords greater than or equal to: VCTF, 3G or 0.75mm². Basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

- Do not use this product near water, for example, near a bathtub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
- Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
- Do not use the telephone to report a gas leak in the vicinity of the leak.
- Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

Instructions importantes de sécurité.

Exigences de sécurité concernant l'alimentation.

Les produits dont le courant électrique monte jusqu'à 3A et pesant plus de 1Kgs doivent utiliser un cordon d'alimentation approuvé égal ou supérieur à VCTF, 3G ou 0.75mm² Des mesures de précaution de base doivent toujours être suivies afin de réduire les risques d'incendie, de choc électrique et de blessures aux personnes, incluant :

- Ne pas utiliser ce produit près de l'eau, par exemple dans une baignoire, une cuvette, un évier, une machine à laver, un sous-sol humide ou une piscine.
- Eviter d'utiliser un téléphone (autre que sans fil) pendant un orage électrique ? il y a un risque de choc électrique à distance lié à la foudre.
- Ne pas utiliser le téléphone pour alerter lors d'une fuite de gaz si vous êtes dans le

voisinage de la fuite

Utiliser seulement le cordon d'alimentation et la batterie indiqués dans le manuel.
 Ne pas jeter les batteries dans le feu. Elles pourraient exploser. Vérifier les dispositions locales de recyclage.

A.4 Battery Disposal

A	There is a risk of explosion if the battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
	Il y a un risque d'explosion si la batterie est remplacée par un autre type incorrect. Disposer de la batterie en accord avec les instructions.
X	This symbol indicates that the battery should NOT be placed in municipal waste.
X	DO NOT throw the tablet with municipal waste. This product is designed for proper reuse of parts and recycling. This symbol indicates that the products (electrical, electronic equipment and mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.
1	SAFE TEMP : The RTC-1200 should only be used in environments between -20°C (-4°F) and 50°C (122°F).

Regulatory Information and Disclaimers

Installation and use of this Wireless LAN device must be in strict accordance with the instructions included in the user documentation provided with the product. Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

The manufacturer is not responsible for any radio or television interference caused by unauthorized modification of this device, or the substitution of the connecting cables and equipment other than manufacturer specified. It is the responsibility of the user to correct any interference caused by such unauthorized modification, substitution or attachment. Manufacturer and its

authorized resellers or distributors will assume no liability for any damage or violation of government regulations arising from failing to comply with these guidelines.

A.5 Battery Caution

There is a danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

Il y a un risque d'explosion si la batterie est remplacée par un autre type incorrect. Disposer de la batterie en accord avec les instructions.

Regulatory information / Disclaimers

Installation and use of this Wireless LAN device must be in strict accordance with the instructions included in the user documentation provided with the product. Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment. The manufacturer is not responsible for any radio or television interference caused by unauthorized modification of this device, or the substitution of the connecting cables and equipment other than manufacturer specified. It is the responsibility of the user to correct any interference caused by such unauthorized modification, substitution or attachment. Manufacturer and its authorized resellers or distributors will assume no liability for any damage or violation of government regulations arising from failing to comply with these guidelines.

Do not use the battery pack if any part of it is protruding or inflated. Replace with a new battery pack immediately.

If the battery pack cannot be charged (won't hold a charge, system is unable to charge it), replace the battery pack with a new one immediately.

A.6 Adapter Caution

This RTC is for use with model NO. FSP065-REBN2 (AAEON Part number: 1255300658) Ce modèle RTC est à utilizer avec le modèle n° FSP065-REBN2. (AAEON Référence: 1255300658)

A.7 FCC Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

IMPORTANT NOTE:

Federal Communication Commission (FCC) Radiation Exposure Statement

This EUT is compliance with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C.