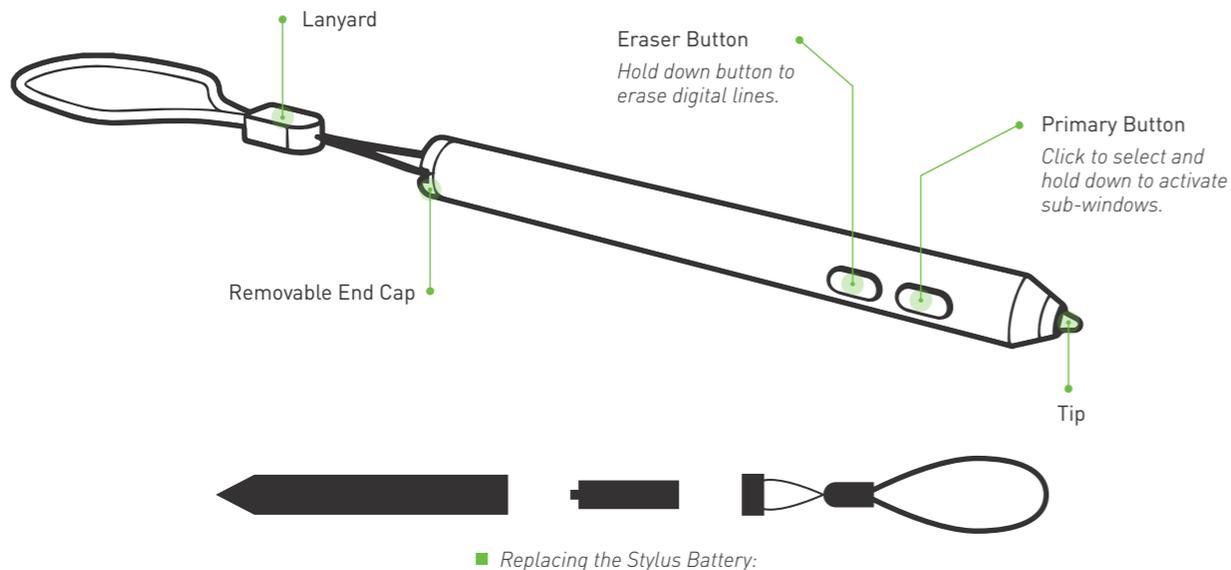


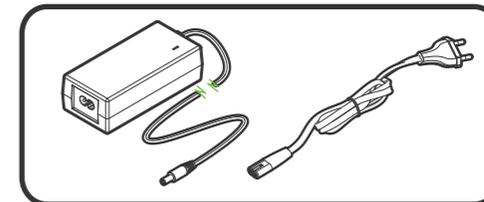
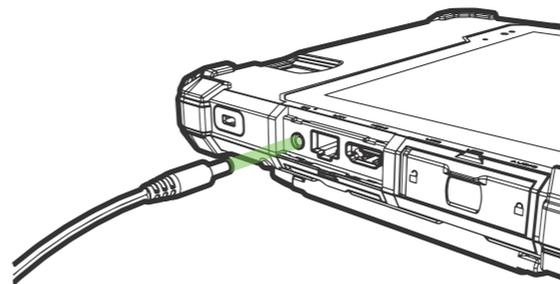
Digital signature pen (stylus)

An optional digital signature pen (stylus) is included with some Chameleon 8 Single configurations. This device can be used in combination with the touch screen to capture accurate high quality signatures electronically. A dedicated software application will create a signature window on the tablet display panel, allowing the applicant to sign on the screen. Do not use excessive force and replace the stylus battery when needed.



Power adaptor

The detachable mains power supply adaptor will connect to the DC Charge port on the Chameleon device, and can either be used to supply power directly to the device or charge the device battery. The battery charging starts automatically.



■ Green LED will light up when connected to AC power

CAUTION:

- When using the Chameleon 8 Single device for the first time, do not connect any peripheral device except the supplied battery and AC adaptor.
- When handling the power (AC) adaptor problems such as sudden voltage drops may arise during periods of thunder and lightning. Try to avoid using the power adaptor during these periods.
- When the DC plug is not connected to the unit, disconnect the AC cord from your electrical outlet. Power is consumed simply by having the AC adaptor plugged into an electric outlet.
- Always hold the plug head when you unplug the connector, never pull out the cord.
- The AC adaptor is designed for use with your tablet only. Connecting the AC adaptor to another device can damage the adaptor.

Power adaptor

The power(AC) adapter operates on any voltage in the range of 100-240 V AC. The AC adapter serves as a converter from AC (Alternating Current) to DC (Direct Current) power because the device runs on DC power input, but an electrical outlet usually provides AC power.



Battery brand — CHAMELEON

Model: B036-125
INPUT: 100-240V ~ 50/60Hz
1.2A Max
OUTPUT: 12V = 3.0A

Warning — **WARNING**
 RISK OF ELECTRIC SHOCK
 DO NOT OPEN

Risk of electric shock, do not open

Caution — **CAUTION**
 FOR INDOOR USE ONLY

For indoor use only

Certifications — 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 complies with part 15 of the FCC rules. Operation is subject to the following conditions:

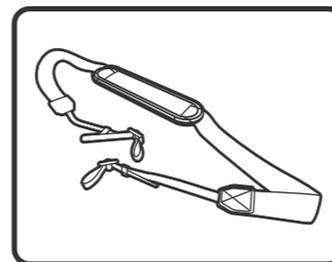
1. This device may not cause harmful interference
2. This device must accept any interference received, including interference that may cause undesired operation.

MADE IN CHINA

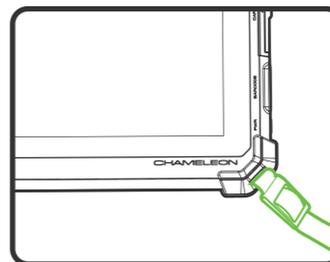
Note: Do not charge the battery when temperatures fall below 0°C or is above 45°C (below 32°F or above 113°F), as it may cause safety issues. Recharging the battery must only be carried out in a non-hazardous area using the supplied AC adapter. This power adapter is for indoor use only!

Shoulder strap

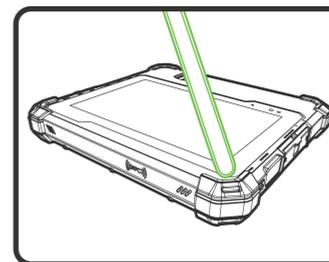
An optional shoulder/ neck strap allows you to effortlessly transport your Chameleon device, while still having access to the unit at all times. Simply follow the easy steps below to connect your rugged shoulder strap to the tablet. Adjust the length to suit your needs. Make sure the straps are securely connected to the device before use!



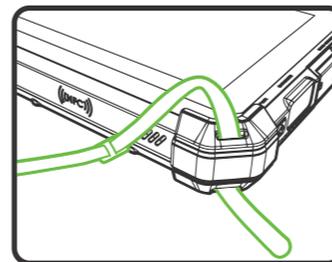
■ Shoulder strap



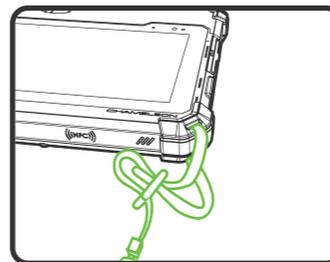
■ Shoulder strap installed to unit



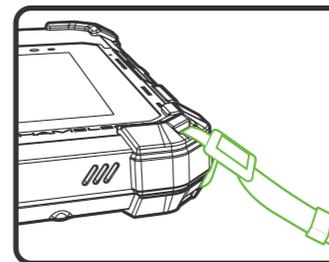
■ Step 1: Insert strap through corner slot



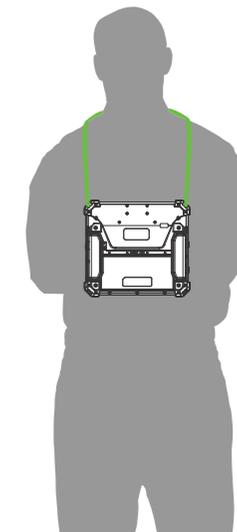
■ Step 2: Pull trough



■ Step 3: Loop through buckle



■ Step 4: Pull to tighten



Basic operation

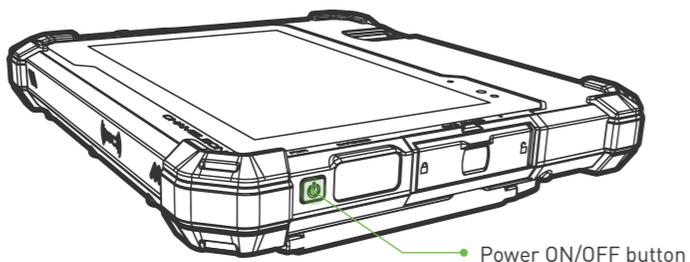
*Note that most basic operation instructions are based on Microsoft Windows 10 Professional operating system.

*Please contact a Microsoft agent or visit www.microsoft.com for any operating system related queries.

*Should you use an alternative operating system, please contact the appropriate supplier for operating instructions.

Turn device ON

- Press and hold down the power ON/OFF button located on the right side of the device for at least 3 seconds and release to power on the unit.
- The Chameleon logo will appear on the display.
- The power icon on the power ON/OFF button will illuminate or flash green/red/orange depending on the battery and charging status of device. (please see "LED charge/power indicator" section of this manual for details-page 47)
- Please be patient and give the device a few minutes to start up completely before activating any software programs.



Turn device ON in sleep mode

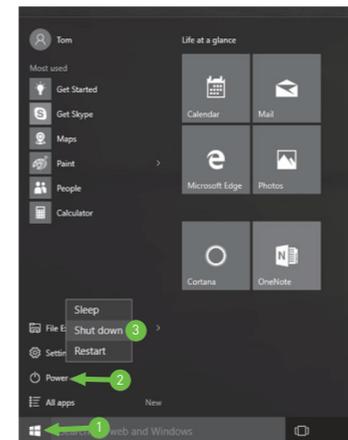
- Press and release the power ON/OFF button located on the right side of the tablet to activate the screen.
- The LED will flash once to indicate the unit is waking up. This might take a few second before screen lights up.
- Swipe the lock screen from the bottom edge of the display upward.
- Tablet will activate.

Turn device OFF

Option 1: Turn your device off via the Windows operating system.

On the bottom left side of your screen.

- Step 1: Open the  start menu
- Step 2: Click/tap on the  power button
- Step 3: Click/tap on "Shut down".



Option 2: Turn your device off via the power ON/OFF button.

Press and hold the power ON/OFF button for 4 seconds then release when the 'slide to shut down' image appears on display. Pull the touch screen slider down to initiate the shut-down process.

Caution: If you have to turn the tablet PC on again immediately after turning it off, wait for at least 5 seconds. Turning the tablet off and on rapidly can damage it.

■ Emergency shutdown

If an emergency condition occurs where the device needs to be shut down immediately, press and hold the power ON/OFF button for more than ten seconds. This procedure should only be used in emergencies because improperly shutting down Windows may result in corruption of the operating system and/or the loss of data.

■ Sleep mode

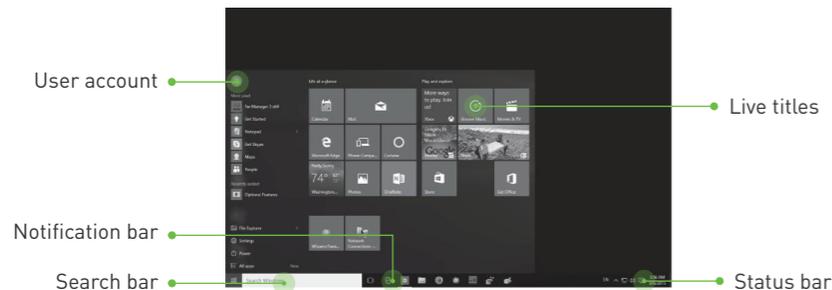
You can put your tablet to Sleep Mode by doing either of the following:

- Go to the Windows start screen or the device mode and tap Power in the lower-left screen, select Sleep and tap it.
- Briefly press the Power button to put the device in sleep mode. If you do not operate for some time, the device for some time will enter sleep mode automatically.

Note: You can go to Settings -> System -> Power & sleep to set the screen and sleep timeout.

■ Windows start screen

Tap the  icon in the lower-left corner of the screen.



■ File Explorer



You can explore the files and folders with the File Explorer application.

■ Settings



Allows you to access the settings of your device. Tap it to enter the Settings screen.

■ Power



Tap Power and it will display 3 options (Sleep, Shut down and Restart).

- Sleep: Put it to sleep mode.
- Shut down: Shut down your device.
- Restart: Restart your device.

■ All apps



Tap All Apps in the lower-left corner of the screen to enter the All Apps screen. In All Apps screen, you can:

- Move the All Apps screen: Slide down or up.
- Open an App: Tap its icon.
- Customize apps: Touch and hold one app then release to show the options (Pin to Start/Unpin from Start, Pin to taskbar and Uninstall).

■ Status bar

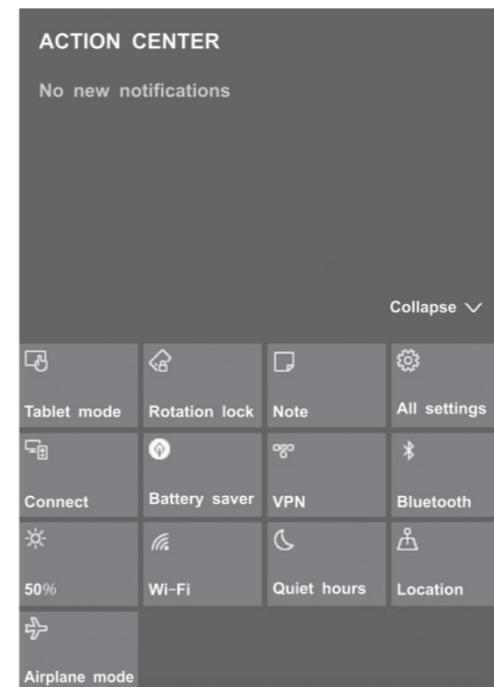
The status bar in the lower-right corner of the screen shows various indicators, including WiFi connection, battery status, speaker level, action center icon and keyboard icon.

The table below lists some of the frequently used icons in the Notification & Status bar:

-  Shows the battery status.
-  Displays when a Wi-Fi network connected.
-  Displays when Wi-Fi is turned on but there is NO network connection.
-  Displays when Wi-Fi is turned off.
-  Airplane mode is on.
-  Tap to adjust the speaker volume.
-  Action Center- Tap to display settings for commonly performed tasks.
-  Tap to show the soft keyboard.
-  Tap to see the recent task.
-  Tap to see all open tasks in a single view.

■ Action center

To launch the ACTION CENTER screen, swipe in from the right edge of the screen or tap the  icon in the lower-right corner of the screen. You can then adjust various settings on the device by touching the corresponding square.



■ Action center

- **Tablet mode**
Tap it to open/close the Tablet mode.
- **Rotation lock**
Tap it to lock/unlock the screen orientation.
- **Note**
Tap it to open the Office OneNote app.
- **All settings**
This tool allows you to access the settings of your tablet.
- **Connect**
Searching for wireless display and audio devices.
- **Battery saver**
Tap it to turn on/off Battery saver.
- **VPN**
Add a VPN connection.
- **Bluetooth**
Enable or disable Bluetooth.
- **Brightness level**
It allows you to set the brightness level of the screen.
- **Wi-Fi**
Enable or disable Wi-Fi, and connect to a wireless network so that you can check email, search the Web, or access social media websites.
- **Quiet hours**
Tap it to turn on/off Quiet hours
- **Location**
Enable or disable Location. If this setting is on, each person who signs in to this device can change their own location settings
- **Airplane mode**
Enable or disable Airplane mode. Turn this on to stop all wireless communication.

■ Connecting to a Wi-Fi network

1. Go to **Settings -> Network & Internet -> Wi-Fi**, slide it to the **On** position.
2. The device will scan Wi-Fi networks automatically and display those available.
3. Select an access point from the list of available Wi-Fi connections, then tap **Connect**.
4. When you are prompted for a password, enter your password and tap **Next**.
 - If the device finds a network that you connected to previously, it will connect to it automatically.
 - If the Wi-Fi network does not appear in the list, it maybe a hidden network, please tap "Hidden Network"
 - and input SSID name of network along with password for a connection.

*Note: You can touch and hold the **Wi-Fi** icon in Action Center screen until the **Go to Settings** appears and then tap it to enter the Wi-Fi setting screen.*

■ Airplane mode

The Airplane mode disables the wireless connection, allowing you to use your tablet safely while in-flight.

If you see  icon displayed in the lower-right corner of the screen, the Airplane mode is on. You should turn off the Airplane mode to enable the wireless network.

Go to **Settings -> Network & Internet -> Airplane mode**, slide it to the **Off** position.

*Note: You can touch and hold the **Airplane mode** icon in Action Center screen until the **Go to Settings** appears and then tap it to enter the Airplane mode setting screen.*

■ Connecting with Bluetooth

You can use Bluetooth to communicate between the device and other Bluetooth devices, such as a smartphone.

1. Go to **Settings** -> **Devices** -> **Bluetooth**, slide it to the **On** position.
2. It will scan automatically and display the available Bluetooth devices.
3. Tap an available Bluetooth device name to pair with it and follow the instructions to complete the pairing.

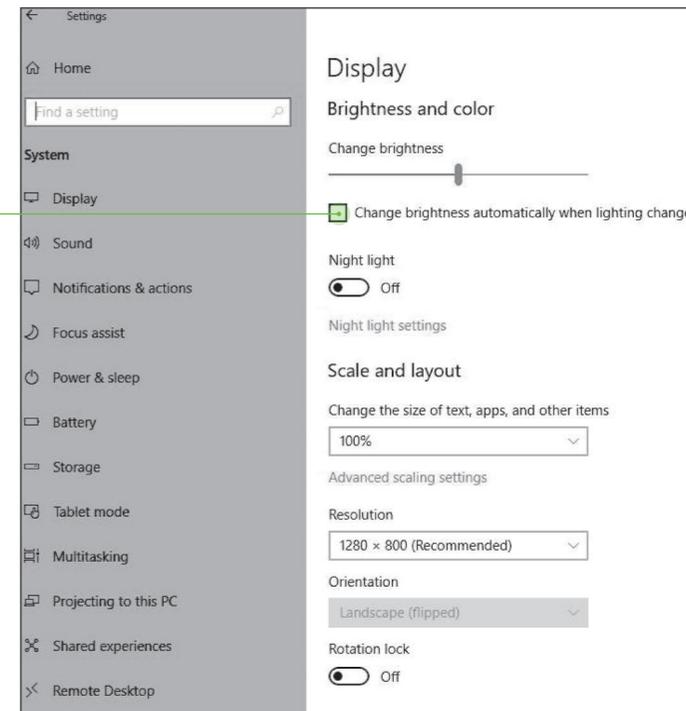
■ Light sensor

Each Chameleon device is equipped with a light sensor to optimize the battery operating time by dimming or brightening the LCD display based on the environmental lighting conditions. This feature can be turned on or off.

Windows > Settings > System > Display

■ Light sensor

Select this to change screen brightness automatically when lighting changes.



■ LED charge/power indicator

LED power and charging indicators is located inside the power ON/OFF button.

Battery status level:

When the Chameleon 8 Single unit is powered off, the user can press the power button for 1 second and release. This will initiate a cycle to establish the battery level status of the device. The status level will be active for 10 seconds only. When the Chameleon 8 Single unit is powered on, the battery status level LED will be on display constantly.

See details of this battery level status below:

0-10% Battery Power = RED pulsing (critically low status)

11-40% Battery Power = RED

41-80% Battery Power = ORANGE

81-100% Battery Power = GREEN

When the charging device (power adaptor) is connected, the battery status level LED will be pulsing indicating that the unit is being charged.

Note: A red and green pulsating indicator LED will indicate a charge or battery error.

| Cleaning your tablet

Turn off your device. Disconnect any attached devices, headphones, speakers, and keyboard dock from the tablet and from their electrical outlets.

Use a soft microfiber cloth (as provided) moistened with water or a non-alkaline detergent to wipe the exterior of the tablet. Do not allow water from the cloth to seep down to the tablet ports when doors are open.

Gently wipe the display with a soft, lint-free microfiber cloth. Do not use alcohol or detergent on the display.

Troubleshooting

Listed below are helpful hints to follow when you encounter any problem:

- Try to isolate which part of the tablet computer is causing the problem.
- Make sure that you turn on all peripheral devices connected to the tablet before turning on the tablet.
- If an external device has a problem, make sure that the cable connections are correct and secure.
- Make sure that all the device drivers are correctly installed.
- Frequently inspect your tablet and its components for damage or wear or signs of danger. Make notes of your observations. Are there any messages on the screen? Do any indicators light? Detailed descriptions are useful to the service personnel when you need to consult one for assistance.

If any problem persists after you follow the instructions in this chapter, contact an authorized dealer for assistance.

■ Battery problems

The battery does not charge (Battery Status indicator does not light up).

- Make sure that the AC power adapter is properly connected.
- Make sure that the battery is not too hot or cold. Allow time for the battery to return to room temperature.
- Make sure that the battery is installed correctly.

The operating time of a fully charged battery becomes shorter.

- If you often partially recharge and discharge, the battery might not be charged to its full potential. The actual operating time can be different from the estimated time, depending on how you are using the tablet. If the actual operating time is much less than the estimated time, contact an authorized dealer for assistance.

■ Bluetooth problems

Cannot connect to another device with Bluetooth wireless technology.

- Make sure that both devices have Bluetooth turned on.
- Make sure that the distance between the two devices is not over 10 meters and that there are no walls or other large obstructions between the devices.
- Make sure both devices are turned on and have been configured to be discoverable.
- Make sure that both devices are compatible.

■ Display problems

Nothing appears on the screen.

- During non-operation, the screen may automatically turn off as a result of power management /sleep mode. Press power button once to de-activate sleep mode.

The characters on the screen are dim.

- Adjust the brightness and/or contrast of the display.

Touch screen is slow or incorrect

If the tablet's touch screen response is incorrect, please try the following:

- Remove any protective film on the touch screen. The protective film may prevent the device recognition input.
- Make sure that your fingers are dry and clean before you tap the touch screen.
- Restart the tablet to clear any temporary software bugs.

■ Hardware device problems

The tablet computer does not recognize a newly installed device.

- Determine if a device driver needs to be installed. (Refer to the documentation that came with the device.)
- Determine if the device needs any jumper or switch settings. (Refer to the documentation that came with the device.)
- Check the cables or power cords for correct connections.
- For an external device that has its own power switch, make sure that the power is turned on.

■ Hard disk drive problems

The hard disk drive error message appears on the screen.

- The hard disk drive has defects. Ask an authorised dealer for assistance.

■ Power management problems

The device does not enter Sleep or Hibernation mode automatically.

- If you have a connection to another computer, the tablet does not enter Sleep or Hibernation mode if the connection is actively in use.
- Make sure that the Sleep or Hibernation time-out is enabled.

The tablet does not enter Sleep or Hibernation mode immediately

- If the tablet computer is performing an operation, it normally waits for the operation to finish.

The tablet does not wake up from Sleep or Hibernation mode.

The tablet automatically enters Sleep or Hibernation mode when the battery is empty. Do any one of the following:

- Connect the AC adapter to the tablet computer.
- Replace the empty battery with a fully charged one.

■ Software problems

An application program does not work correctly

- Make sure that the software is correctly installed.
- If an error message appears on the screen, consult the software program's documentation for further information.
- If you are sure the operation has stopped, restart the tablet.

■ Sound problems

No sound

- Make sure that the volume control is not set too low.
- Make sure that the device is not in sleep mode.
- If using an external speaker, make sure that the speaker is properly connected.

Distorted sound

- Make sure that the volume control is not set too high or too low. In most cases, a high setting can cause the audio electronics to distort the sound.

External audio device not working

- Make sure that your tablet computer is equipped with the driver needed.
- Tap the speaker symbol on the taskbar and check the Windows volume control.
- Earphones may be faulty.

■ Startup problems

When you turn on the tablet, it does not respond and the LED Power Indicator does not light up.

- Press the power button for one second and check the units battery status to insure it has sufficient power available.
- Make sure the battery is installed correctly and is fully charged.
- Remove battery and connect the power supply to the unit and see if you can switch it on without the battery. If the unit switches on, retry switching on the device with an alternative battery. If still cant switch on contact an authorized service center.
- If you are using external AC power, make sure that the AC adapter is correctly and securely connected. If so, make sure that the electrical outlet works properly.

■ Tablet warms up

- When in use for a long time, the tablet may warm up. This is normal and will not affect the life or performance of the unit.

NOTE: Protect yourself from the heat generated by your tablet:

- When your tablet is turned on or the battery is charging, some parts might become hot. The temperature that they reach depends on the amount of system activity and the level of charge in the battery. Extended contact with your body, even though clothing, could cause discomfort or even a skin burn. Avoid keeping your hands, your lap, or any other part of your body in contact with a hot section of the tablet for any extended time.

■ Tablet is frozen or a serious error appears

- If the tablet is frozen or suspended, you may need to close the application or refresh your tablet.
- If the tablet is frozen or slow to respond, press and hold the power button for 8 seconds to perform a hard shut down and restart your tablet.

■ Windows is not activating automatically

- Windows will be active automatically once you connect your tablet to a Wi-Fi network. Make sure that you have a Wi-Fi network connection. Please contact our Customer Support Center at www.chameleonbiometrics.com if problem persists.

■ Wi-Fi connection problems

Cannot use the wireless LAN feature.

- Make sure that the Wi-Fi feature is turned on.

Transmission quality is poor.

- Your tablet may be in an out-of-range situation. Move your tablet computer closer to the Access Point or another wireless LAN device it is associated with.
- Check to see if there are interferences in the surrounding environment. These could include microwave ovens, cordless telephones, wireless video cameras, medical equipment, and large metal objects.

Radio interference exists.

- Move your tablet away from the device causing the radio interference such as microwave oven and large metal objects.
- Plug your tablet computer into an outlet on a different branch circuit from that used by the affecting device.
- Consult your dealer or an experienced radio technician for help.

Cannot connect to another wireless LAN device.

- Make sure that the Wi-Fi feature is turned on.
- Make sure that the SSID setting is the same for every WiFi device in the network.
- Your tablet is not recognizing changes. Restart the device.
- Make sure that the IP address or subnet mask setting is correct.

Cannot access the network.

- Make sure that the network configuration is appropriate.
- Make sure that the user name or password is correct.
- You have moved out of range of the network.
- Turn off power management.

■ Danger Signs

In the unlikely event that you notice any of the following conditions, or if you have any safety concerns with your product, stop using the product and unplug it from the power source and telecommunication lines until you can speak to the Customer Support Center for further guidance.

- Power cords, plugs, power adapters, extension cords, surge protectors, or power supplies that are cracked, broken, or damaged.
- Signs of extreme overheating, smoke, sparks, or fire.
- Damage to a battery (such as cracks, dents, or creases), discharge from a battery, or a buildup of foreign substances on the battery.
- A cracking, hissing, or popping sound, or strong odor that comes from the product.
- Signs that liquid has been spilled or an object has fallen onto the tablet, the power cord, or power adapter.
- The power cord, or power adapter has been exposed to water.
- The product has been visibly damaged in any way.
- The product does not operate normally when you follow the operating instructions.

Regulatory Information

Marking labels located on the exterior of your tablet and packaging indicate the regulations that your model complies with. Please check the marking labels and refer to the corresponding statements below. For further product conformity declaration details please contact your local Chameleon agent or visit www.chameleonbiometrics.com.

Chameleon 8 Single Tablet (Hand straps attached)

CE-RED. This device is in compliance with the essential safety requirements and other relevant provisions set out in the European Directive.

- EN301489-1, EN301489-3, EN301489-17, EN301489-52, EN300328, EN301908-1/2, EN301893, EN301511, EN50360, EN50566, EN5220-1/2, EN62479, EN60950-1

FCC Symbol



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RoHS Symbol



Refers to EU legislation restricting the use of hazardous substances in electrical and electronic equipment (EEE) and promoting the collection and recycling of such equipment (since February 2003). Waste EEE poses environmental and health risks if inadequately treated.

WEEE Symbol



Under the European Union ("EU") Directive on Waste Electrical and Electronic Equipment, Directive 2002/96/EC, which takes effect on August 13, 2005, products of "electrical and electronic equipment" cannot be discarded as municipal waste. Please use the public collection system to return, recycle, or treat them in compliance with the local regulations.

ISO Symbol



ISO 9001:2015. This product is manufactured by an organization that meets the international standards to consistently provide products and services that meet customer and regulatory requirements.

IP65 Symbol



This product was independently tested and awarded the international standard IP65 (EN 60529) protective rating. IP65 Enclosure - IP rated as "dust tight" and protected against water projected from a nozzle.

MIL810G Symbol



This product was independently tested and awarded the MIL810G certification.

Technical Specifications

Technical Specifications	Standard	Professional
Operating System	Windows 10	
Processor	Intel Apollo Lake N3450, 1.1GHz up to 2.2GHz, Quad(4) Core CPU	
Internal Memory	4GB RAM (LPDDR3) 64GB ROM (EMMC)	6GB RAM (LPDDR3) 128GB ROM (EMMC)
Display	8" 10-point capacitive touch screen. 16:9 Display ratio. Resolution: 1280 x 800 Sunlight readable & scratch resistant tough glass.	
Mobile Connectivity	4G WWAN module modem (Global support / adapts to regional bands and frequencies) Supports LTE-FDD / LTE-TDD / WCDMA (HSPA+).	
Wi Fi	IEEE 802.11 a/b/g/n/ac 2.4GHz & 5GHz	
Bluetooth	Bluetooth 4.2(Bluetooth SIG standard)	
LAN	Dedicated Ethernet port @ 1GB per second	
GPS	GPS(GNSS) & GLONASS receiver. Accuracy within 5m (no Wi-Fi required)	
Front Camera	5MP auto focus with LED	
Back Camera	8MP auto focus Unique 4 x LED light system (ICAO Std)	13MP auto focus Unique 4 x LED light system (ICAO Std)
Sensors	G-Sensor / Light Sensor	
External Connection Ports	1 x DC charge / 1 x Ethernet (LAN) / 1 x HDMI / 2 x USB3.0 1 x 3.5mm audio jack / 1 x Micro SD / 1 x Micro SIM / 1 x Micro SAM slot	

Technical Specifications

Technical Specifications	Standard	Professional
Fingerprint Sensor (Option between one or two Single Fingerprint Sensors)	Optical Single Finger Scanner with LFT (Live Finger Detection) FBI PIV & Mobile ID FAP20 certified Resolution: 500 PPI On-device template encryption / extraction Operates under direct sunlight up to 100,000 LUX with both wet & dry fingers	
Contact Card Reader	Supports ISO 7816 – Class A, B and C (5V, 3V, 1.8V) cards CAC (Common Access Cards) & memory cards supported Supports microprocessor cards with T=0, T=1 protocols EMV Level 1, EN60950/IEC 60950, PPS, FIPS 201 and Microsoft® WHQL compliant	
Barcode Scanner	- No barcode scanner -	1D, 2D & PDF417 barcode scanner Omnidirectional scanning with wide field of view Intuitive illumination and LED Almer 640 x 400 pixel resolution
Iris Scanner	- No iris scanner -	Auto capture single iris camera Optimal distance = 14 cm, focal depth = 1.0 cm Near infrared LED illumination / indoor & outdoor usage Eye safety std. (IEC 62471:2006-07), RoHS, FCC-Class B* Image: ISO Std. 19794-6 (640x480 Pixels) supports K1, K2, K3, K7

Technical Specifications	Standard	Professional
Speaker	2 x Waterproof 1W stereo speakers	
Microphone	2 x Internal microphones	
Protective Casing	Rugged waterproof / dustproof / shockproof casing IP65 rated & MIL 810G certified Unique slide away doors & drop tested up to 1.2m	
Lock	Kensington lock slot supported	
Hand Straps	2 x Rugged hand straps	
Battery	1 x removable, rechargeable lithium-ion polymer 7600mAh / 7.6V smart battery Approx. 10 hours operating time (when fully charged) Approx. 2.5 hours charge time	
Power Adaptor	Input: 100-240VAC 50/60Hz Output: 12VDC 3A	
LED Status Indicators	Multi-function status LED indicators located in power button switch (indicates battery and charging status of device)	
Dimensions & Weight	215mm x 237mm x 32mm, 1.3kg (Approx. depending on config)	
Environmental Conditions	Operating conditions:	Storage:
	Temperature	-10°C ~ +50°C
	Humidity (non-condensing)	10% < RH < 90%
		-20°C ~ +60°C
		5% < RH < 95%
Certification	FCC, CE, RoHS, MIL810G	

Accessories	Standard	Professional
Stylus (Digital Signature Pen)	1024 pen pressure levels, 0.5mm hovering height 133pps pen digitizer rate with an active force between 20g & 500g Windows 10 Certified	
Neck / Shoulder Strap	Rugged nylon neck strap	

**We provide a free SDK/API to support all your development needs.
This device also fully supports multi-language options.*

**Design & Specification subject to change without notice*

FCC STATEMENT :

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(2) This device must accept any interference received, including interference that may cause undesired operation.

2.Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

Health and safety information

Certification Information (SAR)

Exposure to Radio Frequency (RF) Signals

Your Tablet PC is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government. These FCC exposure limits are derived from the recommendations of two expert organizations, the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires Tablet PC to comply with a safety limit of 1.6 watts per kilogram (1.6 W/ kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements. The maximum of results of SAR is 1.196(SAR1-g (W/kg)) for Body-worn , Hotspot , The maximum of results of 1.528 SAR1-g (W/kg) For Simultaneous transmission SAR,Comply with FCC requirements.

SAR tests are conducted using standard operating positions accepted by the FCC with the transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the Tablet PC is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new tablet PC is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each tablet PC are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. For body worn operation, this tablet PC has been tested and meets the FCC RF exposure guidelines when used with accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum of 0mm from the body.

Non-compliance with the above restrictions may result in violation of FCC RF exposure guidelines.