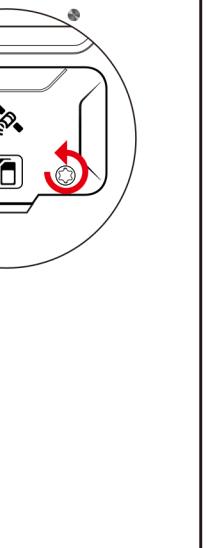
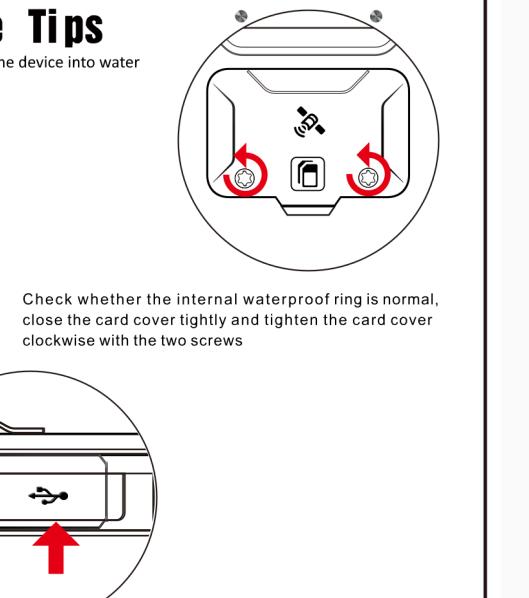


conquest-S22 (EX202) Intrinsically Safe Industrial Tablet Manual Version: 1.0	DIRECTORY 1. Notes and cautions: 3 2. Product overview 3 3. Conditions of use 5 4. Structural Features 6 5. Installation, Operation and Maintenance 6 6. Storage condition 7 7. External Appearance 7 2 / 8	conquest-S22(EX202) Manual Dear Customers and users, Thank you very much for trusting and choosing our products, to ensure you fully understand how to use them, please read this manual carefully and keep it well for going forward usage. 1. Notes and cautions: a. Before installation and maintenance, please read this manual carefully and follow strictly. b. Do not charge in a hazardous area. c. Do not operate the product with the charger connected. d. Do not use product if front/back lens is cracked or SIM card cover is missing. e. Do not open product in hazardous area. f. Use approved battery pack only - 3.8V/10000mAh Battery model: H435873AR, 3.8V, 10000mAh. g. Use approved charger only -Class 2 Battery Charger, Model: HJ-FC0087K7 (9V/2A). h. Handle and store batteries properly to avoid injury or damage batteries can be dangerous! i. Tablet should only be charged in a non-hazardous location. 2. Product overview The conquest -S22(EX202) Intrinsically Safe Industrial Tablet is a portable communication device featuring a touch display, scanner, cameras, thermal imaging, speakers and microphones, infrared temperature measurement, divergent LED flashlight or scanner, SIM and TF card connectors and communication interfaces for Wi-Fi, Bluetooth, GPS, DMR or satellite communication, NFC, RFID and 5G networks. 2.1.Product name: 4 / 8	Intrinsically Safe Industrial Tablet 2.2.Model No. meaning conquest-S22 (EX202) 'conquest' is manufacture name; 'S22' is the in-company serial number; 'EX' stands for explosion-proof product; '202' is the design serial number. 2.3.Conforms to STDS: EN IEC 60079-0:2018 Explosive atmospheres Part 0: Equipment – General requirements EN 60079-11:2012 Explosive atmospheres Part 11: Equipment protection by intrinsic safety "i" IEC 60079-0:2017 Explosive atmospheres Part 0: Equipment – General requirements IEC 60079-11:2011 Explosive atmospheres Part 11: Equipment protection by intrinsic safety "i" 2.4.Techical parameter Explosion protection: ATEX Ex marking and Certificate No.: CSANe 23ATEX1223X IECEx Ex marking and Certificate No.: IECEx CSAE 23.0056X Ex ic IIC T4 Gc 4 / 8	Ex ic IIC T100°C Dc IP65 Tamb: -20°C to +55°C Degree of protection: IP65 Um = 9VDC Im = 2A 3. Conditions of use 3.1.Application scope: This product is applicable for Zone 22 and Zone 2 hazardous areas where IIA, IIB, IIC gases, vapours, air and IIIA, IIIB, IIIC dust may exist. 3.2.Service condition: i) Specific condition of Use for ATEX/IECEx certificate: i) The conquest-S22(EX202) Intrinsically Safe Industrial Tablet shall only be charged in safe area using a charger approved as SELV or Class 2 equipment against IEC 62368 or an equivalent IEC standard. You may discuss with the manufacturer for the suitable battery charger for this equipment. The maximum voltage and current from the charger Um and Im shall not exceed 9.0 Vdc and 2.0A respectively. The ambient temperature during charging shall be in the range 0°C to 55°C. ii) When using, the rubber plugs of the headset and charging interface must be properly installed. The device cannot be connected with any accessories such like a headset in hazardous location. iii) The device must be protected from impact with high impact energy. iv) When using in hazardous location, the M6 interface cannot be connected with any accessories and the protective plate must be properly installed. Only a passive accessory could be connected via the M6 interface in the non-hazardous area. v) Any Data download devices via the USB interface shall be approved as SELV or Class 2 equipment against EN/IEC 62368 or an equivalent EN/IEC standard. The maximum voltage Um from the device shall not exceed 5.5 Vdc. 5. Installation, Operation and Maintenance 5.1. CHECK BEFORE INSTALLATION AND USE Before installed, the basic technical data listed on nameplate should be checked whether conform to actual using conditions or not. The end user is responsible for the suitability of the materials in the enclosure with regard to the possibility of chemicals in the usage area. Do not operate product if damaged the tablet shell. 5.2.CHARGING: 1) Insert the male charger plug into the female socket on the bottom of the tablet. 2) Plug the charger into the electrical outlet to begin charging. 5.3. WARNING: DO NOT OPERATE THE PRODUCT WITH THE CHARGER CONNECTED DO NOT CHARGE OR OPEN PRODUCT IN HAZARDOUS AREA USE APPROVED CHARGER ONLY. MAXIMUM CHARGING VOLTAGE AND CURRENT: Um = 9.0V, Im = 2.0A 5.4.ENVIRONMENTAL At the end of its technical life, the battery should be sent to a suitable recycling center or returned to point of purchase. 5 / 8	vi) While in the non-hazardous area, a SIM/TF card may be inserted or removed. vii) Only passive Antenna could be connected via the Antenna ports. 3.3.Do not use in strong corrosive gas environment; 3.4.Pollution degree: class 3. 1) Battery Safety Information WARNING: HANDLE AND STORE BATTERIES PROPERLY TO AVOID INJURY OR DAMAGE BATTERIES CAN BE DANGEROUS! Most battery issues arise from improper handling of batteries, and particularly from the use of damaged or counterfeit batteries. Please review the information below to avoid serious injury and/or damage to your property. 2) Rechargeable Batteries a) Hazardous location safety approvals for explosive environments are only valid for the Conquest battery pack that is supplied with the tablet. b) For replacement battery packs only use the approved Conquest battery pack for the model of the tablet that you are using. The use of other battery packs will invalidate the safety approval. c) Tablet should only be charged in a non-hazardous location. d) Tablet should only be charged using the Conquest charger base that is supplied with the tablet. e) Tablet should be charged and operated between the temperatures shown: Charge Temperature: 0°C to 55°C Operating Temperature: -20°C to 60°C f) Always dispose of all batteries properly at an approved battery recycling center. 6. Storage condition Ambient temperature -20°C~+60°C Related humidity (Ambient temperature 25°C) ≤95% The products shall be stored in an environment free from corrosive gases, steam and dust that may damage the metal, engineering plastics and their insulation properties. 7. External Appearance See Figure. 7 / 8	 8 / 8
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CONQUEST conquest-S22(EX202) Quick Start Manual	Description  1.M6 external port 2.Power on/off 3.Infrared remote 4.Walkie talkie antenna 5.1D&2D barcode scanner/Flashlight 6.High precision antenna(Optional) 7.Industrial fingerprint(Optional) 8.ID card identification(Optional) 9.P1~P6 Programmable button 10.Volume + button 11.Volume - button 12.PTT walkie talkie button 13.3.5mm AUX port 14.Type-C port 15.NFC 16.Rear camera 17.SIM card cover Packing Include conquest-S22(EX202) 1 Power adapter 1 Type-C data cable 1 Quick guide 1 SIM card cover screwdriver 1 Walkie talkie antenna(optional) 1 High precision antenna(optional) 1 2 / 8	Dual SIM Dual Standby Dual + Standby, this means the tablet supports dual SIM but in Standby mode. In simple words, when none of the SIM are used, then both the SIM's are active, but when you are using a particular SIM, the other SIM becomes inactive. 1.Dual SIM cards can't use voice services and data services at the same time. 2.In dual standby if a person is using SIM 1 and another person is calling on SIM 2,they will hear the message "Not reachable, try again later". 3.When one of the SIM cards uses data services, the data services of the other SIM card can't be accessed. Packing Include conquest-S22(EX202) 1 Power adapter 1 Type-C data cable 1 Quick guide 1 SIM card cover screwdriver 1 Walkie talkie antenna(optional) 1 High precision antenna(optional) 1 3 / 8	Safety instructions READ THIS INFORMATION BEFORE USING YOUR MOBILE DEVICE. 1.General Safety Please use the screen protector that does not block the light sensor to avoid affecting its normal use. Please use the official original accessories to avoid damage to the tablet. Do not keep the magnetic stripe card with the tablet together for a long time, otherwise the magnetic stripe will out of action. Do not expose your tablet to strong sunlight to avoid damage due to overheating. Do not connect with other Unauthorized equipment. Do not disassemble the tablet. It is forbidden to put the tablet under high temperature or throw it into fire to avoid explosion. 2.Traffic Safety Please do not use the tablet and follow the relevant traffic laws when driving. Do not place the tablet above the car's airbag or inside the area covered by the airbag released. Please comply with the relevant regulations of the airline. Do not use your tablet in the area or during the time when it is forbidden. Please turn off your tablet if necessary. 3.Medical safety The radio waves of tablet may affect some medical devices, such as pacemakers, cochlear implants, hearing aids, etc. The tablet and these medical devices should be kept at least 20 cm away. Feel free to consult the restrictions on the use of tablets with manufacturer when exception occurs. 4 / 8	Use Tips Quick Install SIM Card/SD Card  1.Unscrew the screw counterclockwise, then open the back cover. 2.The 1st card is a satellite call card slot, which is only supported by the satellite call version. (Satellite call version is currently only supported in China) 3.The 2nd and 3rd card slots are SIM card slots, slide up to open the SIM card cover, place the SIM card securely in the SIM card tray, and then slide down to lock the SIM card cover. 4.The last one card slot is for installing an SD card, which supports up to 2TB expansion. Pay attention to the sealing of the USB port 5 / 8	Device Tips Before putting the device into water  Check whether the internal waterproof ring is normal, close the card cover tightly and tighten the card cover clockwise with the two screws THE BASICS OF TROUBLESHOOTING <table border="1"><thead><tr><th>Problem</th><th>Solution</th></tr></thead><tbody><tr><td>Abnormal microphone/ Speaker/Receiver behavior post drop in water</td><td>Shake the tablet dry to make sure the water is out of membrane. Use the hair dryer to quickly dry the excess water to restore the volume to normal.</td></tr><tr><td>App Crashes/Freezes/Unable to recharge/Restart frequently</td><td>Quick restart often solves minor issues with tablet. On the right side of the tablet you will find a power button. Restart the tablet using that button.</td></tr><tr><td>Magnetic charger/Dock charger not working</td><td>Check the charger and the contact position for any signs of dirt or oxidation. A quick wipe with cotton swab and alcohol should solve the issue.</td></tr><tr><td>Abnormal power consumption</td><td>First, you should try to dim the screen brightness and turn off the GPS, WiFi and Bluetooth if you are not using them. Additionally, you should check your battery usage in your tablet Settings and see which apps are using more battery. You can close or disable the ones that are draining more battery if you usually do not need them.</td></tr><tr><td>Unable to register the SIM card</td><td>If after proper installation of SIM card the tablet doesn't recognize the network try switching the flight mode on-and-off or try restarting the tablet. If the issue still persists clean the chip with alcohol and cotton swab.</td></tr><tr><td>MicroSD card does not work</td><td>Your microSD probably has errors and your phone is not recognizing that card. Try to connect a card reader to your PC and format the microSD card at least two times. Restart your tablet and insert the SD card again.</td></tr><tr><td>Mobile network not registering Internet access</td><td>Go to Settings-Network&Internet-Mobile network-Mobile data-switch it on. Or slide the screen to shortcut menu-click the</td></tr></tbody></table>	Problem	Solution	Abnormal microphone/ Speaker/Receiver behavior post drop in water	Shake the tablet dry to make sure the water is out of membrane. Use the hair dryer to quickly dry the excess water to restore the volume to normal.	App Crashes/Freezes/Unable to recharge/Restart frequently	Quick restart often solves minor issues with tablet. On the right side of the tablet you will find a power button. Restart the tablet using that button.	Magnetic charger/Dock charger not working	Check the charger and the contact position for any signs of dirt or oxidation. A quick wipe with cotton swab and alcohol should solve the issue.	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