Manufacturer: Eventbrite, inc.
Device: Commercial RFID Scanner
Model: CentauriV3
Date: 2017-05-25

User Manual

Normal operation:
This access control RFID device periodically scans for the presence of an RFID tag in its detection field. Whenever a tag has been detected, the scanner verifies if it should be allowed or denied in a specific zone and at a specific time.

Based on the tag information, the device takes a decision and signifies whether or not the access was granted or refused through the activation of lights animation and audio indications.

When powered on, the device initially shows a booting animation and then goes to idle mode, represented by a glowing blue circle of light on the front panel. If a scanned tag does not have the required access rights, a red light pattern is shown and a negative sounding audio feedback is heard. When the access is granted, a green light pattern is shown and a positive sounding feedback is heard.

User interactions:

- Power button:
  When the device is off, a single press of this button will turn it on
  When the device is on, a single press of this button will turn it off
  At all times, holding this button pressed for 5 seconds will perform a hard shutdown of the device.
- RJ45 port: the Ethernet connector is used to power up the device through POE (Power over Ethernet), it also charges the battery. It accepts an input voltage between 36 and 60 volts
- USB port: reserved for configuration and troubleshooting, can also be used to charge the battery.

Battery operation vs Powered operations:

Whether the device is used in power by an external source (POE/USB) or when it's running solely on the internal battery, it performs the exact same scanning function. It keeps looking for RFID tags at the same periodical rate and performs the same actions whenever a tag enters the field. The main difference is that when the network cable is connected, the scanner will synchronise its internal database with the cloud. This function can also be performed when operated in battery mode, but then the wifi has to be associated to an internet providing access point.

Installation

To install the device, simply unscrew the knob and attach the clamp arount the desired structure. Tighten the knob by hand until the device is fix on the structure until it requires too much manual force. At that point, the device can be locked in position by pushing down the locking lever.

The box is sealed and waterproof so it can be used in outdoor environments including snow and rain.

Regulatory Information

Notice to Users:

This equipment has been tested and found to comply with the limits for 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 the 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 the receiver.
- Plug the equipment into an outlet on a circuit different from that which the receiver is plugged.
- Consult the dealer or an experienced radio/TC technician for help. This product works using a radio frequency, so use on an airplane may be restricted due to interference.

FCC Statement:
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. 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.

Industry Canada Equipment Notice:
The Industry Canada certification identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Document(s). The Department does not guarantee the equipment will operate to the user's satisfaction. Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations. Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Users should ensure, for their own protection, that the electrical ground connectors of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This presentation may be particularly important in rural areas.

Caution: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority or electrician, as appropriate.