

## trio-iQ

### INTELLIGENT PAYMENT TERMINAL

The trio-iQ is an intelligent, state of the art modular device for Payment and more.

#### Product Highlights

Indoor or outdoor, trio-iQ is tough enough for any assignment.



Robust (IP65 +IK08) touch screen



Dual CPU



4G cellular, Ethernet, Bluetooth



Large touch screen



HDMI output



Quality speaker



5MP Video camera & QR reader



Proximity sensors



High security encryption system (DUKPT, 3DES/AES/RSA)



#### Benefits

The trio-iQ platform lets you save space, and service time by use of a single device to run all applications & payment types.

- Large touch screen
- Touchless vending support
- All in one device (Reader & Controller)
- Integral support for Vending, Kiosk, Mobile payment, Pulse
- Multimedia capabilities (e.g narrowcasting, videos)
- High-end Operating System (Linux)
- Allows users to use customized features

# SPECIFICATIONS

|                                  |   |
|----------------------------------|---|
| <b>Payment Options</b>           | EMV Contactless   |
| <b>Contactless EMV</b>           | EMVCo Modular Design, Kernels: C2(MasterCard), C3(Visa)   |
| <b>Other Contactless Payment</b> | Apple Pay, Google Pay, Samsung Pay  |
|                                  |   |
| <b>Integration Options</b>       | Vending machines (MDB, DEX), Pulse machines, Kiosk  |
| <b>Core</b>                      | Controller: Dual core ARM Cortex A9, 1Ghz, 8GB eMMC, 1GB RAM, Micro SD, Linux Yocto OS<br>Reader: ARM Cortex-M4, 180Mhz, 2MB +32MB Flash, 384KB +8MB RAM            |
| <b>Power</b>                     | IN: 10-36V DC, up-to 10W, 450mAHr rechargeable battery<br>OUT: 5V@100mA, Filtered VIN@500mA, USB Vbus@500mA   |
| <b>User Interface</b>            | Onboard 3.97" Touch LCD: 480x800, IPS, 600nits (high brightness), 2mm Dragon glass. HDMI out @ 1080p. 5MP camera, auto focus. 2W Audio Speaker. RGB LED. Flash LED. |
| <b>Network</b>                   | Cellular modem: CAT4 4G LTE, 3G fallback, Micro SIM (3FF), Ethernet 10/100/1000, RJ45   |
| <b>Serial Communication</b>      | MDB, USB x2, RS232 x1, TTL x1, SAM x2   |
| <b>Wireless Communication</b>    | WiFi & BT(optional), Bluetooth Low Energy (BLE)   |
| <b>NFC interface</b>             | PCD: ISO14443 A/B, ISO15693, ISO18092 P2P   |
| <b>Auxiliary I/O</b>             | Digital output x2 (400mA SSR x1), Digital Input x2, Analog input x1   |
| <b>Sensors</b>                   | Short range proximity, Long range proximity (up to 2m)  |
| <b>Environmental</b>             | Temperature: -20C° to +55C°, Humidity: up to 95%, Water Ingress Protection: IP65  |
| <b>Mechanical</b>                | Dimensions: H107mm, W85mm, D46mm, IK08  |

## Supported payment methods



samsung pay

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