Intertech·Rail
Trusted Tracks Ahead

Model 2 Rugged Tablet
RFID Reader

Features

➤ Integrated multiprotocol RFID reader and tablet
➤ computer
➤ Non-Incendive model for use in hazardous locations
➤ Reads from and writes to multiple protocols and formats (additional write licensing required).
➤ Super eGo® (SeGo)
➤ eGo (ISO 18000-6B)
➤ ATA/AAR/ISO 10374
➤ Title 21 (T21)
➤ Wiegand
➤ WiFi 802.11 b/g, Bluetooth®, GPS, and 4G wireless support
➤ Barcode scanner, front and rear cameras

Applications

➤ Automatic Equipment Identification (AEI)
➤ Remote/Field Programming
➤ Toll/High-Occupancy Toll (HOT) Enforcement
➤ Parking/Access Control
➤ Warehouse Management

IntertechRail's Rail-ID Model 2 combines mobile radio frequency identification (RFID) technology with a ruggedized tablet computer, creating a powerful tool for all your data collection needs.

The Rail-ID Model 2 offers 915MHz and 870MHz RFID variants for global compatibility. Whether working in hot, dusty conditions or cold, damp weather, the Rail-ID Model 2 is designed to withstand some of the harshest working environments.

In hazardous locations, the optional Class 1, Division 2 rated unit offers the same durability in a non- incentive package.

The Rail-ID Model.2 provides WiFi, Bluetooth, GPS, and 4G wireless connections for interfacing with a variety of networks and peripheral devices. The tablet also offers USB and RS232 ports for added convenience.

The Rail-ID Model.2 is ideal for all mobile RFID solutions including AEI for railyard management, remote/ field programming, toll plaza and HOT enforcement, parking/access control, and warehouse management.

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Display

Resolution 1920x1200
Size 10.1 inches
Contrast Ratio 800:1
Panel Brightness 800.0 nits
View Angles 85,85,85,85
Type Projected Capacitive Multi Touch
Viewability Anti-Glare touch treatment
Bonding Optical Bonding for Sunlight Viewability

System Specification
Processor Intel Celeron N6211 @1.20 GHz (up to 3.00 GHz)
Storage 128GB SSD
Security Trusted Platform Module (TPM) 2.0
Kensington Lock
Operating System Windows 10 IoT Enterprise LTSC (64 bit)
WLAN Support
GNSS GPS, GLONASS, Galileo, BeiDou
Sensors Light sensor/ G sensor / Gyro

Camera
Front Camera 2MP Front Camera
Rear Camera 8MP Rear Camera with autofocus and LED light

Adapter 100 240V, 50 60Hz / 19V DC

Mechanical

Dimension 271.9 x 197.3 x 19.5 mm
Weight 1.2 kg (2.65 lbs) with standard battery, 1.4 kg (3.1 lbs) with optional high capacity battery
Cooling System Fanless design

IO Ports
USB Port 1 x USB 3.0 (Type A), 1 x USB 3.0 (Type C support Power Delivery 20V In)
SD Card Slot 1 x Micro SD Card slot (Support SDXC)
SIM Card Slot 1 x SIM card slot
Audio 1 x Audio combo 3.5mm audio combo jack (Mic in orLine Out)
Dual Digital Mic With Noise Cancellation
Dual Speaker
Indicator 4x LED Indicator for Power, Battery, HDD, RF status
Docking Connector 1 x 19 pin docking connector

Environment
Operating Humidity 10% to 90% RH, non condensing Operating
Temperature 20°C to 60°C
Storage Temperature 30°C to 70°C (22°F to 158°F)
Shock MIL STD 810G Method 516.6 Procedure I
Vibration MIL STD 810G Method 514.6 Procedure I

IP rating IP65
Drop MIL STD 810G Method 516.6, 4 ft

Certification
Certification CE, FCC, UL, PTCRB, Verizon

Control
Button 1 x Power, 1 x Home, 2 x Volume, 2 x Programmable Function Keys

Security Function
SOTI MobiControl SOTI MobiControl Compliance
Kensington Lock Kensington Lock Support

Accessory
Accessory Adapter and Power Cord
Capacitive Stylus
Standard Battery

Power
Battery Hotswappable 7.7V, typ. 5900 mAh LiPolymerBattery (2S1P)

Battery Operating Time Standard. Battery: 9 hours
High Capacity Battery: 16 hours

Power Rating 19V DC

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