

# DT310CR Mobile POS Tablet

**Rugged, Multi-functional for Point-of-Service and Sales Applications**



The DT Research DT310CR Mobile POS Tablet features the integration of a brilliant 10" capacitive touch screen and high performance yet energy-efficient Intel® processor in a slim, lightweight, durable package. The 2-in-1 design of this tablet offers mobile point-of-service/sale applications, and also performs as a fixed POS terminal while docked in the cradle. With Wi-Fi and Bluetooth as well as options for EMV® Chip-and-Signature card reader, magnetic stripe reader, barcode scanner, camera and NFC/RFID reader, the DT310CR Mobile POS Tablet provides seamless information capture for instant transmission in the restaurant, on the sales floor, and in the warehouse.

## Features

- 2-in-1 design for mobile POS and fixed terminal applications
- 10" LED-backlight screen with capacitive touch
- Intel® Atom™ quad-core processor; high performance with low power consumption
- Microsoft® Windows® 10 IoT Enterprise operating system
- Optional EMV® Chip-and-Signature card reader
- Optional magnetic stripe reader, 2D barcode scanner, back camera, NFC/RFID reader



## Applications

- **Inventory/ Warehousing**
- **Control/ Monitoring**
- **Entertainment**
- **Finance**
- **Hospitality**
- **Retail**
- **Healthcare**
- **Education**

## Specifications

### System

<b>CPU</b>	Intel® Atom™ Quad Core, 1.44GHz (up to 1.92GHz)
<b>RAM</b>	4GB
<b>Storage</b>	64GB to 128GB flash
<b>Operating System</b>	Microsoft® Windows® 10 IoT Enterprise
<b>Display</b>	10" LED-backlight screen with capacitive touch
<b>Display Resolution</b>	1280 x 800
<b>Control Switch and Buttons</b>	1 power button, 1 trigger button
<b>Speaker</b>	Built-in speaker

### Network Interface

<b>WLAN</b>	Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band
<b>Bluetooth</b>	Bluetooth 4.0

### I/O Ports

<b>USB Port</b>	USB 3.0 x 1
<b>Audio Jack</b>	1
<b>DC-in</b>	1

### Mechanical and Environmental

<b>AC/DC Adapter</b>	Input: 100 – 240V AC; Output: 12V DC, 3.3A
<b>Battery Pack</b>	Hot swappable battery, 3.7V, 8800mAh
<b>Enclosure</b>	ABS + PC plastics
<b>Dimensions (H x W x D)</b>	TBC
<b>Weight</b>	TBC
<b>Regulatory</b>	FCC Class B, CE, RoHS compliant
<b>Temperature</b>	Operation: 14°F to 122°F (-10°C to 50°C); Storage: -4°F to 140°F (-20°C to 60°C)
<b>Humidity</b>	0% – 90% non-condensing

\* Specifications subject to change without notice.

## Major Options

### Magnetic Stripe Reader

Triple track readers (ISO TK1, 2 & 3), JIS & AAMVA compliant

### Barcode Scanner (2D)

2D barcode scanner; reads 1D also

### Camera

8 megapixel back camera with auto focus, white balance, gain control and exposure control

### EMV® Chip-and-Signature Card Reader

With TDES/AES/RKI; supports end-to-end certified EMV chip payments; Features Level 1, 2, and 3 EMV Payment Path certifications for major payment (Gateway/Processor) partners, including Worldnet/First Data, Creditcall/First Data, Bluefin/First Data, Datacap/Vantiv

### NFC/RFID Reader

Complies with HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1

## Accessories

The DT310CR has a suite of customized accessories to meet numerous deployment needs.

### Desktop Cradle for POS Terminal Applications

Offers on-desktop and on-wall installation with lockable mechanism to fix the tablet, and ports for Power, HDMI, Ethernet, COM and USB.

• Dock tilts from 0 to 90 degrees



• **Battery Gang Charger**



• **Battery Pack**





### Federal Communication Commission Interference

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 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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 and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

This Class [B] digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

**Specific Absorption Rate (SAR) Information** SAR tests are conducted using standard operating positions accepted by the FCC with the device 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 device while operating can be well below the maximum value, in general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model device 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 device are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.