

# DT-360

## On-Board Computer, Ticket Printer and Driver Console

Based on its experience on designing and manufacturing high quality ticketing devices for on bus operation, AMCO presents the new on-board computer, driver console and ticket printer DT-360 series. This device meets with great success the present and future fare collection management needs of transport operators.

DT-360 combines ergonomic design, robustness and high efficiency in issuing paper tickets and optionally processing a variety of electronic fare media options including smart cards, and NFC. DT-360 is not only a driver's console but it is an ultimate communication platform supporting WiFi, Bluetooth, 3G/4G and Ethernet technologies.

Tailored to modern public transport operator needs, DT-360 features a 10.1" projected capacitive touch screen, attractive user interface for driver and a 4W audio system, to ensure instant transactions as well as enhanced experience. DT-360 operates either as a supervisor of all on-board equipment or as a stand-alone device. Apart from a complete fare collection management device for on board payments, it can control the Automatic Vehicle Location and Real Time Passenger information functionalities.



## Key Features

- Ergonomic and high-quality ticketing device
- Sunlight readable 10.1" touch screen
- User friendly Interface for optimum driver's use
- Power CPU for further expandability
- High speed thermal printer
- Optional support for NFC cards
- Multiple communication interfaces

DT-360  
TICKETING SOLUTIONS

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Technologies



## TECHNICAL SPECIFICATIONS

### Processing Unit

#### Option 1

- CPU: i.MX 6 DualLite 800MHz dual core
- RAM: DDR3 512MB
- STORAGE: 4GB integrated flash memory/Up to 64GB microSD
- OS: Linux / Android

#### Option 2

- CPU: i.MX8 1200MHz quad core
- RAM: LPDDR4 2GB
- STORAGE: 8GB integrated flash memory/Up to 64GB microSD
- OS: Linux / Android

### Display

- Color TFT 10.1" driver display, resolution 1280 x 800 protected by 3mm vandal proof
- strengthened glass
- Multi-Touch Projected Capacitive Touch (PCAP)

### Contactless Card Reader

- Contactless smart card ISO/IEC 14443 (Type A & B) and NFC
- 2 SAM ISO7816 sockets for ID000 Format (SIMCard)
- Support for MIFARE classic, MIFARE DESFire, MIFARE™ Plus, Calypso

### Ticket Printer

- Direct thermal printing, 203dpi
- Full graphics support
- Paper width max 58 mm
- Paper roll diameter up to 55mm
- Paper Thickness 50 to 100g/m2
- Maximum printing speed 200 mm/s

### Communication Interfaces

- LAN Ethernet 10/100 Mbit
- 3G/4G
- RS-232 (optional)
- GPS
- Wifi 802.11 a/b/g/n (optional)
- Bluetooth (optional)

### Audio

- 2x2W integrated audio Speakers
- Independent stereo Audio out + 1 Mic in
- Play audio files

### Environment

- Operating temperature: -20 °C to +70 °C
- Storage Temperature: -30°C to +85°C
- Humidity: 15% to 95% non-condensing

### Power Supply

- 9 to 36 VDC, reverse polarity protection

### Housing

- Ergonomic design.
- Robust PC- ABS material
- Overall outer dimensions: 170mmx261mmx110mm (HxWxD)
- Protection IP54 excluding paper slot IP33
- Weight approx. 2.5Kg

# DT-360

Technical data are subject to change without any prior notice | DT\_360\_February 2021