

# iSC Touch 480

## The next-generation multimedia and touchscreen device, reinventing checkout

- Transform traditional checkout with a fast, easy, interactive POS solution.
- Engage consumers with a 7" multimedia touchscreen device.
- Expand consumer choice by accepting any preferred method of electronic payment.
- Generate excitement with innovative, value-added business apps.
- Reduce checkout total cost of ownership while driving incremental sales.



security



smartcard



magstripe



contactless



signature capture



touchscreen



multimedia

# Reinvent traditional checkout and rethink consumer engagement with extra-large 7" multimedia touchscreen.

## Highest Security

Meets the latest hardware and software security requirements and is PCI PTS 3.x & 4.x certified. Also complies with SRED and Open protocol modules. Supports all point-to-point encryption (P2PE) solutions for reduced PCI DSS scope. Optional PIN shield available.

## All Payment Options

Accepts all forms of electronic payment including EMV chip & PIN, chip & sign, magstripe, signature capture, and NFC/contactless. Also supports options such as NFC loyalty, couponing, wallets, and QR codes.

## Electronic Signature

Provides high quality, durable signature capture capabilities for electronic payments, receipt storage, and business applications, such as contracts, warranty programs, and enrollments.

## Designed for Retailers

Designed for use in demanding multi-lane environments, the iSC Touch 480 features a glass display that is highly impact- and scratch-resistant, with a lifespan of 1,000,000 signatures. Its dual-head magnetic stripe reader reduces read errors and increases transaction speeds, while its smartcard reader withstands 500,000 insertions. Single cable multipoint mono connector allows easy integration and terminal replacement.

## Extra-large 7" 16/9 Capacitive Color Touchscreen

Exciting, extra-large 7" 16/9 WVGA capacitive color touchscreen enhances interactivity and customer engagement.

## Fast Checkout

Optimized glass display reduces reflectivity and offers outstanding readability even in poorly-lit environments. LED lights guide card insertion or contactless tap. Large backlit keypad meets all ADA requirements. Fast processor guarantees instant, accurate transactions.

## Connectivity and Communication

Provides a complete portfolio of connectivity, including USB host/device, Ethernet, RS232 and Tailgate. ComBox accessory increases the number of connectivity plugs for easier integration.

## Real Multimedia

Powerful hardware video decoder plays multimedia content from the standard ultra-compressed H264 codec via speaker and stereo out headset. Equipped to manage image libraries, touchscreen and multimedia.

## Telium 2 Advanced

Powered by the Ingenico Group, Telium 2 technology is the result of 30 years' experience in the payment industry. Secure, highly integrated and fast, Telium 2 is the world's best platform for payment services. It provides a fully scalable, reliable operating system embedded into Ingenico Group's 20 million terminals deployed worldwide.

## Full Set of Retail Accessories

Tailored for easy integration into the retail environment, including mounting solutions and metal-reinforced Kensington® Security Slot.

## Eco Manufacturing

All iSC Touch Series manufacturing facilities are ISO 14001 certified.



| Feature                             | Description   |  |
|-------------------------------------|---|--|
| <b>Processor</b>                    | Main processor  | Thunder (ARM9), 450 MIPS                                   |
|                                     | Crypto processor  | Booster (ARM7), 50 MIPS                                    |
| <b>Memory</b>                       | Internal  | 128 Mbytes Flash NAND, 128 Mbytes DDR2 RAM                 |
|                                     | External  | µSD supporting up to 32 GB                                 |
| <b>OS</b>                           | Telium 2  |  |
| <b>Secure Access Module Slots</b>   | 2   |  |
| <b>Card readers</b>                 | Magnetic stripe   | Triple track ISO 1, 2, 3. dual heads                       |
|                                     | Smart card  | EMV L1, 500,000 insertions                                 |
|                                     | Contactless   | On customer choice, integrated or external antenna         |
| <b>Display</b>                      | Size  | 7" 800 x 480, widescreen (16:9)                            |
|                                     | Color   | 262k colors (18bits)                                       |
|                                     | Touch screen  | Projected capacitive technology<br>Finger and stylus touch |
| <b>Stylus</b>                       | Non-mechanical  |  |
| <b>Signature capture</b>            | Supports 1 million signatures   |  |
| <b>Keypad</b>                       | Raised symbols  | 15 keys hard plastic                                       |
|                                     |   | White Backlit  |
| <b>Audio</b>                        | Speaker mono and audio output stereo jack<br>Buzzer   |  |
| <b>Video</b>                        | All video formats supported through SDK standard ultra-compressed H264 codec to play multimedia |  |
| <b>Connectivity</b>                 | USB device  | USB 2.0 - Device   |
|                                     | USB host  | USB 2.0 - Host x2  |
|                                     | Serial  | RS232  |
|                                     | Ethernet  | 10/100 BT  |
|                                     | Video output  | Via Mini-HDMI connector, factory option                    |
|                                     | Tailgate  | Factory option   |
|                                     | <b>Power supply</b>   | Powered USB  |
|                                     | Powered RS 232  | 12V  |
|                                     | Power over Ethernet   | POE Compliant with 802.3af                                 |
|                                     | External power supply   | Optional, 8V to 12V  |
| <b>Size (L x W x D)</b>             | With external Cless   | 8.97 (w) x 9.88 (h) x 2.75"                                |
|                                     | With internal Cless   | 8.97 (w) x 9.88 (h) x 2.75"                                |
| <b>Weight</b>                       | 33.51 oz  |  |
| <b>Environment</b>                  | Operating temperature   | 41°F to 113°F  |
|                                     | Storage temperature   | -4°F to 131°F  |
|                                     | Relative humidity, non-condensing   | 85% RH   |
| <b>Privacy shield</b>               | Additional privacy shield (option)  |  |
| <b>PCI PIN transaction security</b> | PCI PTS 3.x & 4.x certified   |  |

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