

SOLa™

ingenico  
aWorldlinebrand

# Ingenico iSC Touch 480 Datasheet



End of Life notice issued for this product as of **March 15, 2019**. Support for this device may be impacted due to limited application enhancement updates.

# 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, 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'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 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 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	12V (USB retail)
	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	

USA\_Datasheet\_iSCTouch480\_iGWL\_201012. All rights reserved. This document is not binding and the specifications above can be modified without prior consent. © 2020



www.ingenico.us

**ingenico**  
a Worldline brand

**SOLA™**