

# ICE™ 5500Plus

The simplest POS solution available.



## Product Data

The Hypercom ICE family of products expands the capabilities of the typical POS device to improve efficiencies. The large, backlit, graphics-capable touch screen enables merchants to take advantage of the benefits and cost savings of electronic receipt and signature capture as well as full graphic marketing on the POS screen without expensive upgrades. The ICE 5500Plus design allows either the merchant or customer to initiate the transaction and has an extensive, proven software library to make the device a simple, full-featured and reliable POS solution with a low cost of ownership

## Key Features

- Large, graphical touch screen display
- All-in-one signature and receipt capture solution
- Customer-facing PIN entry capabilities
- 2" and 3" graphics-capable SureLoad™ printer
- Small footprint
- Supports a wide range of peripherals
- Supports RS-485 LAN
- EMV Type approved

Whether you're looking for a reliable payment terminal, innovative, value-add technology, or a complete electronic transaction management system, Hypercom can deliver. Our product portfolio ranges from basic credit authorization to full transaction transport and more. Hypercom is more than a one-stop shop for payment terminals, it's a provider of complete, end-to-end transaction solutions that expand the possibilities at the POS in ways that translate to greater profits.



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## Technical Specifications:

### Keypad

- Elastomeric: 12 keys, water splash-resistant
- Reliability: 500,000 keystrokes (calculated)

### Display

- LCD: 160 x 80 pixels
- Backlight: 50,00 hours (calculated)

### Card Reader

- Magnetic stripe: Tracks 1,2, 3; 1, 2 or 2, 3 (standard); JIS tracks (optional); reliability, 400,000 (calculated)
- Chip card: EMV certified; ISO 7816; non-captive; three SAMs
- Contactless payment: Integrated (optional); compliant with MIFARE standards

### Communications

- Modem: Hypercom FastPOS 9600bps, 2400/1200/300bps - V.29, V.22bis, V.22, V.21, synchronous (SDLC) and asynchronous, LAN (optional)
- PIN pad port: 4-wire, RS-485
- Peripheral: RS-232

### Printer

- Thermal: 576 dots per line
- Paper roll: 58mm x 50 mm; 80mm diameter (optional)
- Reliability: 70,000 impressions (calculated)

### Memory

- RAM: 1 MB (standard, 1.5 MB (optional)
- RAM backup: 5-year battery

### Power

- AC: 85-250 V AC, 50/60 Hz
- DC: 24 V, 1 A

### Security

- Physical: intrusion detection and secure CPU

### Encryption

- DES: Visa PED approved; PIN-ANSI X9.8, MAC-ANSI X9.9 Part 1-ANSI X9.24
- Key management: DUKPT or 12 master/session keys

### Environment

- Temperature: 0-45°C/32-115°F
- Humidity: Max 85%, non-condensing
- ESD: 12,000 volts

### Reliability

- 100,000 hours (MTBF calculated)

## Simple

- Menu-driven interface facilitates all daily functions for easy operation and reduced training times
- SureLoad thermal printer design alerts cashiers to low paper conditions and allows paper to be simply dropped into place, which eliminates paper jams and keeps terminals functional
- Full-featured, secure terminal management system including local or web-based options
- Industry-leading software includes the functionality to introduce value-added opportunities to the merchant in an integrated solution
- Internal PIN pad option meets global security standards to efficiently process PIN transactions without the need to use a peripheral device, which helps preserve counter space.

## Fast

- Advanced parallel processing architecture ensures quick transactions which decreases communication costs
- Download remotely in a fraction of the time it takes to load other terminals with the standard 9600bps Hypercom FastPOS modem. For deployment, use the terminal "cloning" feature with a fast-load cable to download terminals even faster
- Graphics-capable thermal printer prints receipts in half the time of previous generation printers, which allows merchants to print logos and coupons directly at the POS.

## Reliable

- PED-approved device is fully compatible with global security and communications standards such as EMV
- For challenging installations that have limited phone lines to spare, the integrated RS-485 capability enables multiple units to utilize one phone line through the addition of a Hypercom dial concentrator
- Connect devices such as check imagers, PIN pads and check readers using the additional peripheral port to provide more payment choices
- Large, graphic touch screen supports electronic signature and receipt capture as well as on-screen logos and advertising to expand merchant capabilities at the POS, making the device a complete, cost-effective, all-in-one solution.

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