

# DLI 501 ultimate mobile payment integration module

The Ultimate Integration Module for Mobile Payment device in the world.





mobile payment



wireless



dust



water



drop



vibration



extreme temps

newest PCI PTS v4.0 • EMV L1 & L2 • 2 x SAM • magstripe reader  
RFID • debit pin pad • barcode scanner • smart card reader  
400MHz ARM11 secure MCU • multiple connectivity

### System

- **Processor** - 400MHz, ARM11 32bit SoC Secure MCU
- **Memory** - 128MB flash memory, 64MB SDRAM
- **Operating System** - Linux, communicated with PC via USB 2.0 or Bluetooth 4.0 BLE
- **RFID Reader** - ISO 14443, support Visa Paywave, MasterCard PayPass, American Express ExpressPay and NFC wallets
- **SAM Slot** - 2 Security Access Modules (SAM) cards supported, or 2 SAM IC (optional)
- **Magstripe Reader** - trip track encrypted sensor, single head, bidirectional
- **Smartcard Reader** - EMV L1 Certified
- **Barcode Scanner** - CMOS 1D/2D imager
- **Connectivity** - Bluetooth wireless connection
  - private USB connection
  - RJ 45 Ethernet connection (optional)
- **Keypad** - 15 keys, input type buttons (0~9, Cancel, Clear, Enter, F1, F2), complies with California Financial Code Section 13082
- **Dimensions** - H: 5.04"(128mm), W: 3.51"(89.2mm), D: 0.67"(17mm) (without battery pack)
- **Weight** - 0.484lbs (220g) (without battery pack)
- **Display** - 122x32, monochrome display
- **Buzzer** - yes
- **Battery** - powered sled with replaceable battery pack for stand alone application, 30W battery pack for 12hrs of battery life
- **AC Adapter** - 5VDC 40 watt 110/220V AC 50/60 Hz input, multi-country line cords available

### Environmental

- **Temperature** - operating: 32°F to +104°F (0°C to +40°C)  
- storage: -4°F to +140°F (-20°C to +60°C)
- **Humidity** - operating: 5% to 90% without condensation  
- storage: 5% to 95% without condensation
- **Altitude** - operating altitude maximum: 10,000 ft (3,000 m)  
- operating: sea level 0 to 10,000 ft  
- storage: sea level 0 to 40,000 ft

### Mechanical

- **Construction** - ABS+PC Bayer plastic, gray and white
- **Ingress Protection** - IP54 front of unit
- **Vibration** - 5 to 500Hz, 1G PTP/11G/peak (11msec)
- **Shock** - operating: 30G (11ms), non-operating: 40G (11ms), crash: 50G (11ms)
- **Drops** - 4ft (122cm) drop to concrete (6 sides all pass)
- **WiFi** - Intel 7260, 802.11 a/b/g/n Wi-Fi Radio (Cisco® CCX4)
- **Die Shield and Dynamic Fault Protection**
- **Temperature and Voltage Tamper Monitor**

### Certification

- **PCI PTS v4.0**
- **EMV Contact Level 1 & Level 2**
- **EMV Contactless Level 1**
- **PAYPASS • PAYWAVE • EXPRESS**

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computing without boundaries

5570 lee street, suite 12 lehigh acres, florida 33971

toll free: 800.526.1299 • fax: 239.491.2554 • www.data1td.com