

CC200

Smart Device Hub



USB smart hubs for peripheral interfacing and control in

> Self-Service > Kiosks > Gaming machines ...

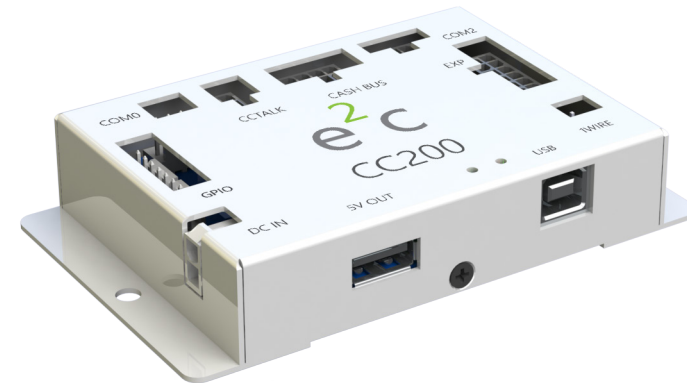
Key Features

- > Powerful **iSocket** Middleware manages all devices
- > Composite hub with MDB, Serial and CCTalk
- > Industry protocols (CCTalk, MDB, ID003, EBDS etc)
- > GPIO: 3 inputs + 3 x 1A outputs
- > 1 x RS232/TTL + 1 x RS232/485 ports
- > 5V power out for compute modules (e.g. Raspberry Pi)
- > Integrated IoT remote monitoring and control

e2c's Cash Control CC200 smart device hub provides a simple method of interfacing and controlling peripherals in PC based kiosks and vending machines. The CC200 is a fully featured USB device hub, providing a full complement of physical interfaces for all standard cash handling peripherals.

CC200 is used in conjunction with e2c's **iSocket** middleware, which runs on any PC platform, providing robust, fault tolerant control and management of all connected devices and peripherals. M2M services are also integrated within the iSocket client to allow all machines to be remotely monitored and controlled.

iSocket provides a simple/coherent API for application developers and provides hardware abstraction of all low-level devices and peripherals. All low-level peripherals are already encapsulated, allowing rapid integration of peripherals into your payment application.



Supports all peripheral manufacturers



Extensive peripherals support, including:

- > Note validators
- > Coin Validators
- > Coin Hoppers
- > Coin Changers
- > Printers
- > Card Readers
- > Security Devices
- > Audit Meters
- > Chip and PIN

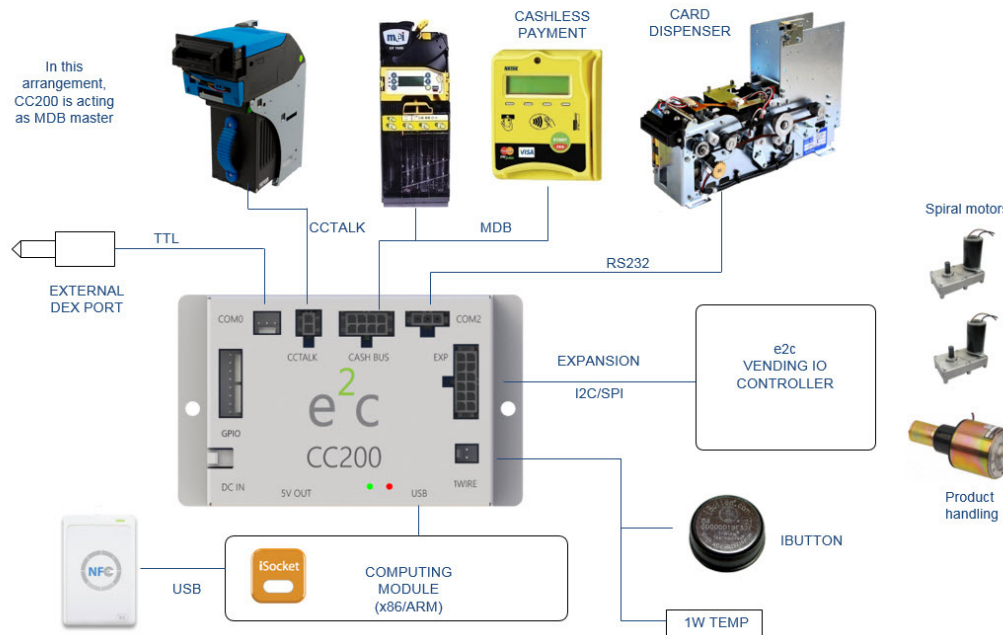


Smart technology for a connected world

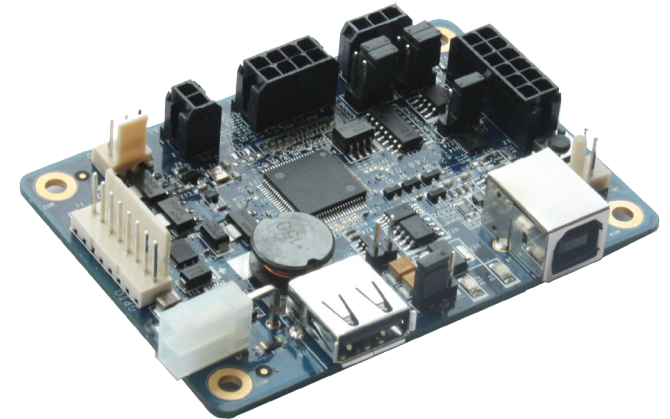
CC200



Typical Implementation



CC200 PCBA



Note: iSocket can also control devices on any physical system port of the host system e.g. RS232 and USB.

The CC200 smart device hub allows combinations of complex peripheral - **from any manufacturer** - within the same machine! This allows manufacturers to take the best of breed payment devices from to create bespoke payment solutions.

CC200 is part of e2c's Cash Control range of smart hubs.

Feature	Specification
Host Interface	USB 2.0/1.1 bus powered
Digital Inputs	3 x TTL, ESD protected
Digital Outputs	3 x Open drain 1A
Serial Interface s	RS232/TTL + RS232/485
MDB Interface (CashBus)	1 x MDB Master + Slave
CCTalk	Yes
1 Wire	Yes
e2c Expansion port	Yes (SPI)
DC power Out	+5V 1A (type A USB)
Dimensions (PCBA)	84x60x20 mm

Specifications subject to change without notice. E&OE. All trademarks acknowledged and respected. ©POINT Embedded Computing Limited.