CC200 Smart Payment Hub

Payment Machines made simple

> Kiosks > Smart Vending > Gaming Machines ...

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 payment 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.

Extensive peripherals support, including:

- Note Validators
- Coin Validators
- Coin Hoppers
- Coin Changers
- Printers
- Card Readers
- Security Devices
- Audit Meters
- Chip and PIN
- Contactless Payment
- RFID/NFC

Key Features

- USB Device hub for iSocket Payment Device Manager
- Supports MDB, CCTalk and serial interfaces
- 250+ supported devices including cash and cashless
- 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)
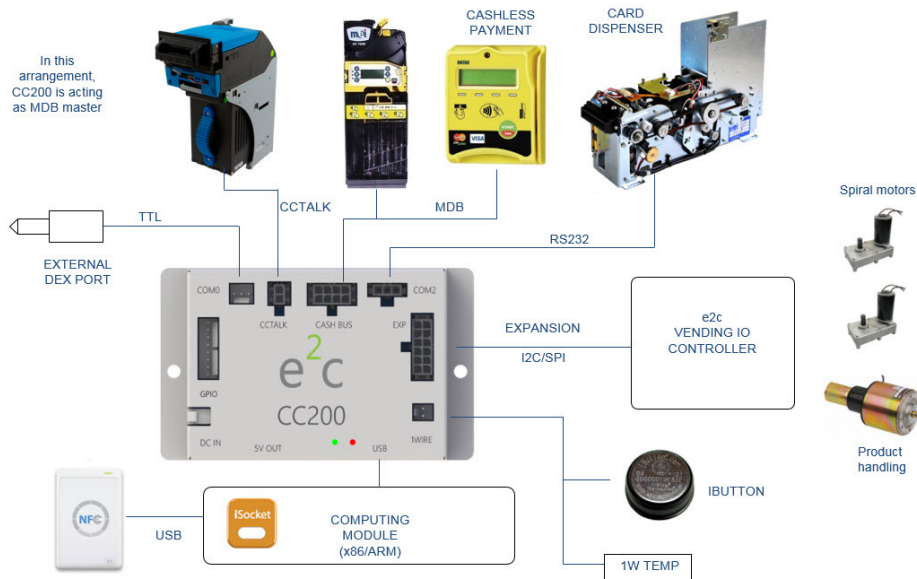- Integrated IoT remote monitoring and control

- Network/web ready, asynchronous (socket) protocol
- Detailed event logging and diagnostics
- Extensive protocol support: CCTalk, EBDS, ID003 ...
- Ultra small footprint, low CPU load executable
- Supports all gaming platforms and smart hubs
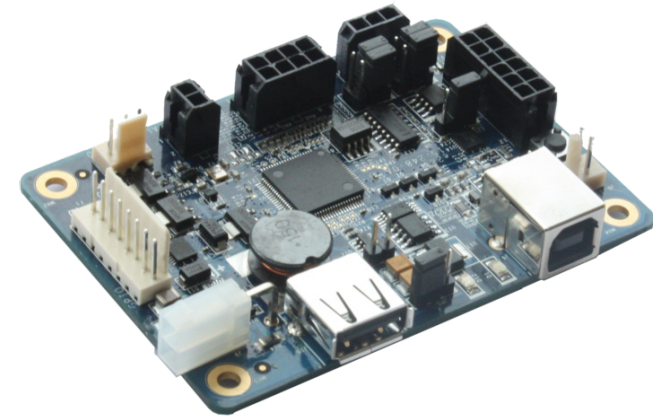- Industry leading stepper based reel control
- and much more ...

Smart technology for a connected world.

CC200 Smart Payment Hub

e²c

Typical Implementation

In this arrangement, CC200 is acting as MDB master

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 to create bespoke payment solutions.

CC200 is part of e2c's Cash Control range of USB 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 Interfaces	RS232/TTL + RS232/485
MDB Interface (CashBus)	1 X MDB Master + Slave
CCTalk	Yes
1 Wire	Yes
E2c Expansion port	Yes (SPI)
DC power In	12 - 48 V DC
DC power Out	+5V 1A (type A USB)
Dimensions	84x60x20 mm

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Cash Control

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