

PayLink

Data Summary

Dimensions	PayLink	PayLink Lite
Height:	25mm	20mm
Width:	140mm	80mm
Length:	160mm	80mm
Environmental	Temperature Range: Operating: 0°C to 55°C Storage: -20°C to 70°C Humidity Range: Up to 75% RH non-condensing	
Electrical Interface PayLink	Voltage Input – Regulated Nominal: 12Vdc Minimum: 10.8Vdc Maximum: 13.2Vdc Outputs – Fuse Protected 12Vdc output: 2.5A continuous, 5A peak for 200ms 24Vdc output: 2.5A continuous, 5A peak for 200ms Input/Output ports 16 switch inputs 3V3 CMOS thresholds with 3V3 pull-ups, 5mA max. 8 high-power outputs: Open drain up to 300mA, max output loads 36V (inductive or resistive) 8 low-power outputs: Open drain up to 30mA, max output load 12V (resistive only)	
PayLink Lite	Voltage Inputs – USB powered Input ports 2 switch inputs 3V3 CMOS thresholds with 3V3 pull-ups, 5mA max	
Communications Interface	USB: Type B connectivity – V1.1 interface Protocol Support: PayLink: ccTalk, ID003, RS232, MDB, serial meter interface, serial printer interface PayLink Lite: ccTalk	
Supported Operating Systems	Microsoft Windows 98/2000/XP Linux	

Recognized internationally as experts in the field of secure money processing, Money Controls has the most comprehensive product range in the industry, covering coin, bill and system requirements. Our global presence ensures local sales support and rapid-response spares and repairs service.

For further information and details of your nearest Money Controls office, please e-mail: sales@moneycontrols.com. Alternatively, you can visit our website, where you will find a wide range of information on our company and products:

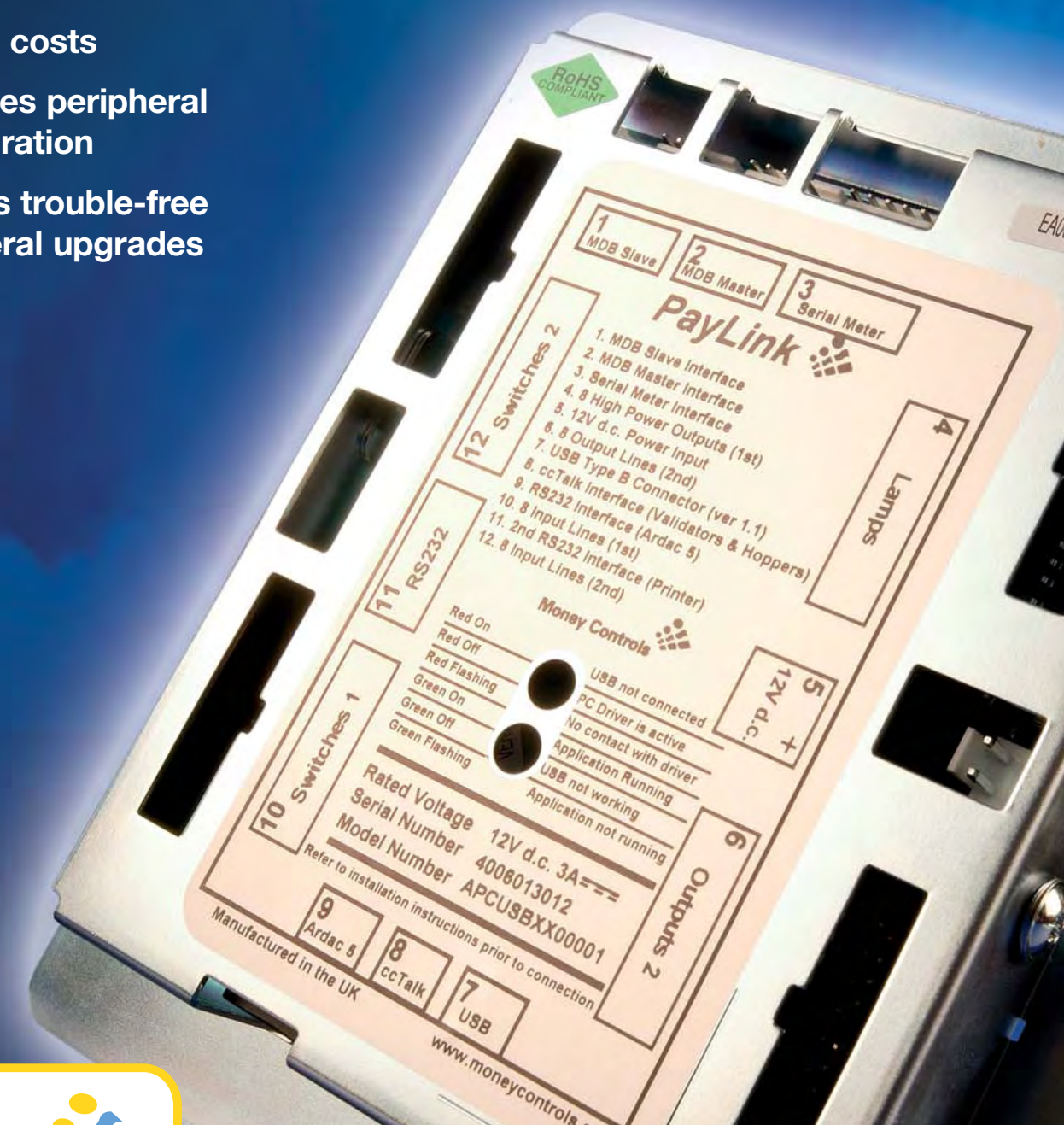
www.moneycontrols.com

PayLink/PayLink Lite Integration Module

Saving time, saving money

– PayLink reduces time-to-market for PC-based machines

- Lowers costs
- Simplifies peripheral configuration
- Ensures trouble-free peripheral upgrades



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Publication Code: ST004/C/0507

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The world leader in money-handling solutions

PC-based machines have transformed the gaming and pay-to-play markets, as well as payment devices such as retail kiosks: using a Windows or Linux operating system, new machines and new applications can be developed more easily and launched into the market in very short timescales. Crucial to this development cycle is an equally simple and fast means of integrating different combinations of payment peripherals – handling coins, bills and tokens – into the machine. And that's exactly what PayLink does.

PayLink was developed in consultation with leading machine manufacturers with the twin aims of reducing the development and manufacturing cost of PC-based machines and bringing them to market in the shortest time.

PayLink enables developers to integrate a variety of payment peripherals into the software for new applications without having to create bespoke payment software. It also enables simple and trouble-free upgrades and alterations to payment peripherals that support download.

PayLink is a slim module that connects to a USB port on a PC and operates as a standard “Plug and Play” peripheral device.

The module is easily fitted inside a machine according to the machine's internal physical configuration. Changes to PayLink's core firmware are easily effected via its USB connection.

The module is equipped with a powerful 16-bit microcontroller, which translates a variety of protocols required to communicate with various peripheral payment devices, presenting a single, simple interface to the application programmer in terms of credit received and money paid. In-payment and out-payment totals are logged into internal, non-volatile memory.

PayLink can interface up to 16 other peripheral devices and incorporates comprehensive diagnostics and error reporting, minimizing machine downtime.

Not all machines need the full capability and functionality that PayLink delivers; kiosks, jukeboxes and some pay-to-play machines, for instance, often have only one or two input buttons or switches, with no payouts or other output requirements. The answer for such machines is PayLink Lite, a physically smaller module that has two inputs and is available with a single protocol, ccTalk.



With USB Type B connectivity, PayLink allows the connection of a range of payment peripherals, such as coin acceptors, bill acceptors and hoppers, which may all be driven using one or more industry-standard protocols, such as ccTalk, MDB and ID003. It enables simple and fast connection of a range of other units such as buttons, switches, status LEDs, lamp drivers and serial meters. And, with its serial printer support, rapid implementation of thermal ticket applications via standard interfaces is also possible.

The diagram shows some of the Money Controls products to which PayLink can interface. PayLink will also interface with other manufacturers' products which use ID003, ccTalk or MDB protocols. Please contact Money Controls for further details.

PayLink Lite, also with USB Type B connectivity, allows the connection of a range of payment peripherals (but with fewer hoppers than PayLink) driven using the ccTalk industry-standard protocol. It enables simple and fast connection of two inputs units such as button and switches.

Product Summary



- Designed for use with USB-enabled PCs
- Proven ccTalk PCI Card core technology
- High level of fraud resistance
- Connects to industry-standard USB port
- Includes software for easy implementation in host application
- Ability to configure peripherals to suit applications
- Range of connectors for easy harnessing and peripheral changes
- LED diagnostics
- Highly secure interface

PayLink

- Drives multiple protocols (ID003, ccTalk and MDB)
- Full ID003 functionality, including barcodes
- Powerful 16-bit microcontroller
- 16 inputs
- 16 outputs: 8 low-power & 8 high-power (filament lamps)
- MDB master & slave

PayLink Lite

- Drives single protocol (ccTalk)
- 2 inputs

PayLink and PayLink Lite reduce the time to market for new machines and new applications