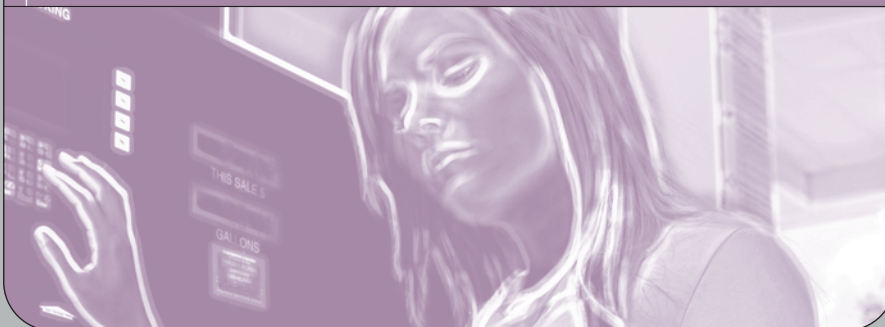# UNattended

CAD30 UCM series

Ingenico's CAD30 UCM universal controller modules deliver a highly secure and easy to integrate and manage unattended payment solution. Perfect for a variety of unattended environments, these integrated payment and teleprocessing modules support a host of applications including ticketing, parking systems, vending machines, kiosks and other self-pay applications. Delivering cash and transaction checks, together with comprehensive monitoring capabilities that enable optimized control and profitable management of the installed base, Ingenico's CAD30 series leads the market. Used in conjunction with Ingenico's extensive range of unattended payment peripherals – debit/credit card secure card readers, PCI PED approved PIN pad, contactless readers and back-lit graphic displays – the CAD30 UCM series enables an extensive range of payment schemes, including EMV, contact or contactless public or private e-purse, pre-paid card, NFC payment and mobile phone payments, as well as top-up and loyalty applications. A rich and flexible choice of communication options – V32 fast modem, Ethernet or GPRS – complete a powerful package.

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CAD30 UCM series

Security

Thanks to Ingenico's Telium architecture, the CAD30 UCM series feature embedded modules (ISO 8583, SSL3, TCP/IP, MDB, DDCMP, EMV level 2) to deliver assured data security, optimized keypad security alongside comprehensive application authentication and management.

Performance

It's 32-bit architecture allows the CAD30 UCM series to deliver ultra fast transaction processing together with high-speed data transfer across a rich choice of communication environments. A large and progressive memory capacity ensures multi-application hosting and performance, while its integral secure terminal management system delivers fast download of new payment and telemetry applications – and the rapid upload of operational statistics to support powerful estate management.

Design/Ergonomics

Designed for environments where security and speed are a priority, the CAD30 UCM series acts as the central powerhouse for your unattended payment solution. Alongside delivering secure payment management, these modules also collect key data to optimize your sales and maintenance operations – from number of products sold and methods of payment used to automatic vandalism alerts and stock renewal alerts. This extensive business functionality is available at the touch of a button.

Communication

The CAD30 UCM series offers a choice of communication options, including V32 fast modem, an Ethernet interface for integration with LAN or connection with an ADSL gateway, or GSM/GPRS modem. A wealth of connectivity choices – USB host and slave, serial links, Ethernet, IrDA and Vending Multi Drop Bus master and slave – enables ease-of-connection with an extensive range of external equipment ranging from a PC to vending or coin mechanisms.

Software development

Ingenico delivers incremental revenue today and future proofs payment investments of tomorrow. Compatible with all previous Ingenico applications, the CAD30 UCM series can support today's applications with ease, as well as tomorrow's next generation services.

Field Services

To reduce total cost of ownership and enable merchants to maximize their terminal investments, Ingenico provides a comprehensive range of terminal and software update and management services – both remotely and in the field. Fully certified professionals and local language helpdesks operate in every territory to ensure Ingenico is on hand to support customers 24 hours a day, seven days a week, 365 days a year.

NAME		UCM PSTN	UCM LAN	UCM LAN GPRS
Processor	Type	ARM9	ARM9	ARM9
	Speed	200 MIPS	200 MIPS	200 MIPS
Memory	RAM/Flash	16/16 MB	16/16 MB	16/16 MB
Removable Memory	MMC	1	1	1
	SD Card	1	1	1
Communication Mode	Infra red	1	1	1
	Dial-up Modem	1		
	Ethernet		1	1
	GPRS			1
SAM		3	3	3
Connections	RS232	3	3	3
	USB Host	2	2	2
	USB Slave	1	1	1
	MDB Slave	1 V3	1 V3	1 V3
	MDB Master	1	1	1
Power Supply	External Power supply	11 to 45 VDC / 19 to 30 VAC	11 to 45 VDC / 19 to 30 VAC	11 to 45 VDC / 19 to 30 VAC
Size	W x H x D mm	140 x 190 x 40	140 x 190 x 40	140 x 190 x 40
Environment	Operating temperature	0ºC to 55ºC	0ºC to 55ºC	0ºC to 55ºC
	Storage temperature	-20ºC to 65ºC	-20ºC to 65ºC	-20ºC to 65ºC
	Relative humidity, non condensing	5% - 95%	5% - 95%	5% - 95%

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