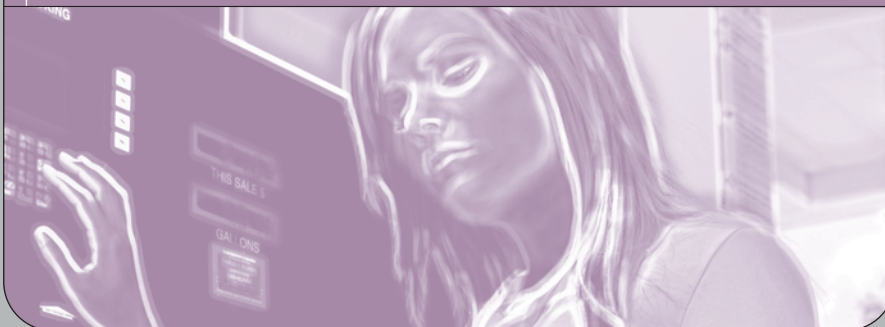


UNattended

CAD30 VR_{series}



Small, compact and fast, Ingenico's CAD30 VR and CAD30 VRD card reader modules are perfect for unattended vending solutions. Used in conjunction with Ingenico's CAD30 UCM controller module, they deliver a complete and efficient payment solution that's easy to integrate into any vending environment. Thanks to 32-bit ARM processing and cutting edge security, these readers assure fast and reliable EMV and smart card transactions – debit, credit, public and private e-purse – to improve the service quality and availability of vending machines while eradicating costly collection of coin payments. Designed to perform, whatever the conditions, the modules feature a vandal-proof front panel plus a patented auto rejection function to rebuff any unsuitable object inserted into the reader. The CAD30 VRD enables ease of use thanks to its integrated backlit graphical display.



The Ingenico logo, featuring the word "ingenico" in a white, lowercase, sans-serif font inside a red oval.

Security

The tamper resistant Ingenico CAD30 VR and CAD30 VRD are EMV level 1 certified and PCI PED approved, delivering security-as-standard for consumer and merchant alike. A 32-bit RISC crypto-processor provides a uniquely scalable and high-performance platform to support a host of new generation security applications, with no impact on transaction speed or reliability.

Performance

Utilizing ARM7 microprocessor technology, the robust and powerful CAD30 VR and CAD30 VRD combine innovation and performance – assuring faster, more convenient and more reliable transactions every time for a host of emerging payment options.

Design/Ergonomics

Designed in cooperation with vending operators, and compatible with EVA (European Vending Association) specifications, the CAD30 VR and CAD30 VRD deliver ease-of-fixture into any vending solution. To support 'zero delay' customer service and continuous operation, these readers are vandal-proof, feature a unique auto rejection function to prevent the insertion of unsuitable items, and buzzer to alert users to omissions.

Communication

The CAD30 VR and CAD30 VRD are equipped with a USB interface to assure rapid software upgrade via a USB key or network link.

Software development

Ingenico delivers incremental revenue today and future proofs the terminal investments of tomorrow. Uniquely, the CAD30 VR and CAD30 VRD are backwards compatible with all 800+ Ingenico services and applications, while providing the rapid development environment on which to build a compelling portfolio of targeted, new generation services.

Field Services

To reduce total cost of ownership and enable merchants to maximize their payment solutions investments, Ingenico provides a comprehensive range of terminal and software update and management services – both remotely and in the field. Fully certified professional 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 | | CAD30 VR | CAD30 VR-D |
|-------------------------------|-----------------------------------|----------------|-----------------|
| Processor | Type | ARM7 | ARM7 |
| | Speed | 50 MIPS | 50 MIPS |
| Memory | RAM/Flash | 96/512 KB | 96/512 KB |
| Card readers | Smart card | 1 | 1 |
| Display | Graphic 128 x 64 pixels | | ● |
| | Backlit | | ● |
| | Yellow/Green | | ● |
| Keyboard | Number of keys | | 3 |
| | Key Texture | | plastic |
| Buzzer | | ● | ● |
| Connections | RS232 | 1 | 1 |
| | USB Slave | 1 | 1 |
| Power Supply | External Power supply | 5V DC | 5V DC |
| Size | W x H x D mm | 100 x 50 x 135 | 100 x 132 x 135 |
| Customization | | | central key |
| Environment | Operating temperature | -20°C to 65°C | 0°C to 55°C |
| | Storage temperature | -20°C to 65°C | -20°C to 65°C |
| | Relative humidity, non condensing | 5% - 95% | 5% - 95% |
| IP (International Protection) | | 32 | 32 |