

CCV IM500

Hybrid Smart Card Reader



Consumers pay their preferred way

Adding the convenience of choice to contactless terminals



Power saving for your machine

Supports power-saving mode and automatically activates when in use or triggered



Perfect fit

If your machine already has standard cut-outs, the IM500 fits seamlessly



Protection

Anti-skimming mechanisms protect your customers' data from unauthorized access



Consumer convenience

The modern front bezel enables a convenient and smooth user experience



Compatible with:



CCV Edge IM15



CCV Frame IM15

Supply Voltage	5 VDC, via USB, if connected to IM15/IM25 12 VDC via RS232 connection Tolerance +-5% Only one power source to be used at the same time
Power Consumption	Typical 70 mA @ 5.2 VDC typical 33 mA @ 12 VDC typical 9 mA @ 5.2 VDC in standby mode typical 5 mA @ 12 VDC in standby mode
Interfaces	RS232 (RJ45) USB 2.0 (USB B) 2x status LED
Card types	Contact Card Magnetic Stripe
Emergency Unlocking	First push the card in and then pull it out
Operating Temperature Range	-20°C to +70°C -4°F to +176°F IEC 60068-2-2
Storage Temperature Range	-30°C to +70°C -22°F to +158°F IEC 60068-2-2
Operating Humidity Range	5% to 95% RH non-condensing IEC 60068-2-78
Vibration & Shock	According to IEC 60068-2-6 according to IEC 60068-2-29
Impact & Ingress Protection Class	IK10 Terminal Front IK08 Terminal Reverse Side IEC 62262 and IEC60068-2-75 IP34 Terminal Front IP32 Terminal Reverse Side IP65 Terminal Machine Interface1 IEC 60529 and ISO 20653
Casing Resistance	Scratch resistance: Mohs 4h Terminal Front Mohs 3h Terminal Reverse Side Cleaning resistance: Oxalic acid, 5% dilution on front side only
Fire & Smoke & Flammability	EN 45545-2 V2 according to UL94, IEC 60695-11-10, -20 and IEC 60950-1
Bezel Coating Material & Colour	Zinc Nickel Coating, 25µm Silver grey
MTBF	≥ 100,000 h Card insertion cycles: >500,000 (ICC & MSR) Battery life: 7 years @ 50% power-on time
Dimension	Front Bezel 73.0 x 61.0 x 17.7 mm (W x H x D) 2.874 x 2.401 x 0.697 Inch (W x H x D) Inside Machine 100.0 x 68.0* x 128.5 mm (W x H x D) 3.937x2.677x5.059 Inch (W x H x D) *w/o drainage, with drainage (H) 75.7mm / 2.980
Front Plane Cut Out	EVA EPC 2.0 CDM compliant 73,5mm x 61,5mm (W x H) 2,984 x 2,421 Inch (W x H)
Weight	662 g ± 5% 1,46 Pound ± 5%
Terminal compatibility	IM15

All specifications are subject to change and are to be confirmed in the course of the qualification process.