



HD500-EM

Access Control

Heavy-duty card reader

- **Compact proximity reader**
- **Vandal-proof design**
- **Reading range of up to 6 cm**

The HD500-EM reads EM4102 cards (also known as Miro or UNIQUE 125 kHz).

Vandal-proof and fire-resistant, it is popular both in vulnerable locations and modern office environments.

When BC-Link is used, two of these readers can be installed to control entries and exits using only one door controller. An additional benefit of BC-Link is that it supports online status monitoring.

Technical data

HD500-EM	
System compatibility	DC800, Vanderbilt Entro, SiPass integrated
Interface to controller	BC-Link, Clock&Data or Wiegand
Operating voltage	10.6 to 32 VDC
Current consumption	20 mA @ 12V DC 22 mA @ 24V DC
Tamper switch	No
Card technology	EM4102 (also known as Miro or UNIQUE 125 KHz)
Card compatibility	IB41-EM, IB42-EM IB44-EM, IB45-EM
Card read distance	Up to 6 cm
Indicators	3 x LED (red/yellow/green) 1 x Buzzer
Keypad	No
Operating temperature	-30 to +50 °C
Environment	Indoor or outdoor use
IP rating	IP65
Housing	Polycarbonate case, fully encapsulated electronics, stainless steel outer frame
Colour	Black and stainless steel
Dimensions (W x H x D)	100 x 128 x 18 mm
Approval	CE
Accessories	None

Details for ordering

Type	Part no	Designation	Weight
HD500-EM	V24246-F3901-A1	Heavy-duty card reader	0.24 kg

Issued by
Vanderbilt International (IRL) Ltd.
Clonshaugh Business and Technology Park
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Dublin 17
Ireland

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Document no. **A6V10081540**

Edition 11.2015