

Cotag Combi Credentials

Passive COTAG & MIFARE DESFire EV2



Introduction:

Vanderbilt's Cotag Combi credentials offer the best transition path for customers upgrading to smart card technology without the need for replacing their existing installation of Cotag readers. These hybrid credentials utilize both Passive Cotag access technology and MIFARE DESFire EV2 technology.

Cotag readers can read both active (long-range), and passive (proximity) Cotag cards and tags, and both types of cards and tags can be mixed in the same system to provide ultimate convenience and cost-efficiency. This benefit can now be extended to Vanderbilt's new and exciting range of 13.56MHz smart card readers. Smart cards offer a high level of security and provide the advantage of being multi-purpose. They function as proximity access cards, but since they can store much more information they can also be used as cash cards at company restaurants or vending machines, for example.

Compared to previous versions, the MIFARE DESFire EV2 chip can hold as many different applications as the memory size supports and offers a significant increase in operating distance and speed. Installers can benefit from an opportunity to upsell Cotag users to a modern, secure card technology that can provide even more functionality and protection when used with Vanderbilt VR series card readers.

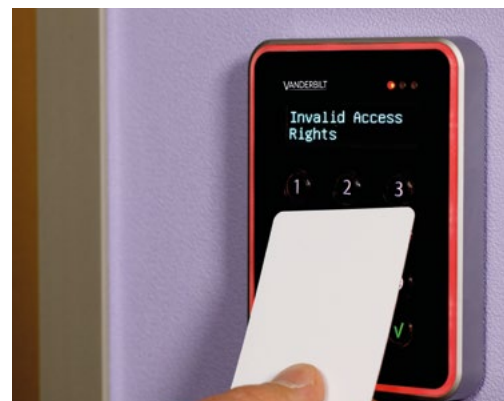
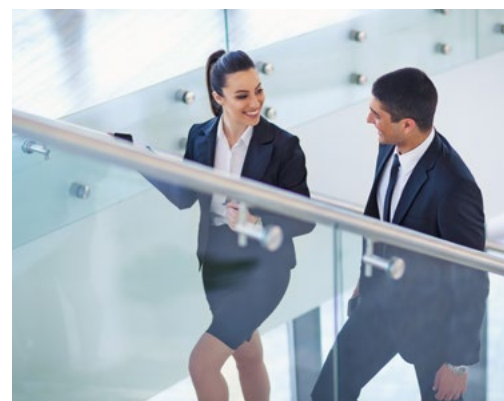
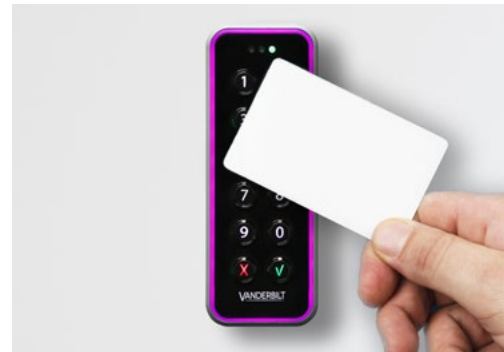


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Key Features include:

- ✓ Multi-technology credential that combines Passive COTAG and 13.56MHz smart card technology to future proof investment.
- ✓ MIFARE DESFire EV2 chip provides high-speed, reliable communications with high data integrity.
- ✓ Proven, Reliable Technology – Offers extremely consistent read range. Unaffected by body shielding or variable environmental conditions.
- ✓ Durable – Strong, flexible, and resistant to cracking and breaking.



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Technical Data / Specification:

Technology	COTAG & MIFARE DESFire EV2
Operating frequency: <ul style="list-style-type: none">• MIFARE DESFire EV2	13.56 MHz
Operation	Passive (no battery)
Read range:	<ul style="list-style-type: none">• Between 2cm-3cm with Cotag prox reader• Approx. 25cm with Cotag hands-free reader• Between 1cm and 5cm depending on MIFARE reader
Material: <ul style="list-style-type: none">• 0968-0-C• 0958-102-C• IB958M-C• IB981-C	ABS PVC PVC ABS, Poly-carbonate
Marking	Card number printed on the back of the credential
Operating temperatures	-40° to 70°C
Operating humidity	5-95% non-condensing
Dimensions: <ul style="list-style-type: none">• 0968-0-C• 0958-102-C• IB958M-C• IB981-C	54mm x 85.6mm x 3mm 54mm x 86.0mm x 0.76mm 54mm x 86.0mm x 0.76mm 40mm x 49.0mm x 4.5 mm
Warranty	3 years

Ordering Data:

Type	Art. No.	Description	Weight*
0968-0-C	V54515-Z130-A100	0968-0-C Passive Cotag Combi Clamshell card unprogrammed – 10pcs	0.09kg
0958-102-C	V54515-Z131-A100	0958-102-C Passive Cotag Combi ISO card unprogrammed – 10pcs	0.058kg
IB958M-C	V54515-Z132-A100	IB958M-C Passive Cotag Combi ISO card with magnetic stripe programmed – 10pcs	0.058kg
IB981-C	V54515-Z133-A100	IB981-C Passive Cotag Combi Keyring Tag programmed – 10pcs	0.080kg

*Total weight of the product inclusive of the weight of its accessories and packaging.

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company


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