⋂CIDRON®

Cidron **Slimline E** Reader

- SECURE ACCESS CONTROL

IP65

Cidron is a IP65 classified reader which has an operating temperature of −20° – +70°C.

The Cidron reader family's compatibility with secure RFID-technologies incorporated in a robust, yet timeless design, makes them ideally suited for both indoor- and outdoor installations in all kinds of physical access control applications.

Cidron Slimline E is a reader operating on 13.56MHz and supports reading for MIFARE Classic®, MIFARE® DESFire® Ev1 application which allows for AES128 encrypted communication between credential and reader. Cidron Slimline E is versatile and handles both 7-byte and 4-byte MIFARE CSN at the same time.

The Cidron Slimline E is available without keypad and has a symbol at the front of the reader which will be lit when a card is presented to a reader configured to auto mode. The substantial LED frame provides visual indications to the user, the LED frame can indicate green, red or yellow. There is also an embedded buzzer that can be used for audible indications. The LED frame, backlight and buzzer can all be configured to indicate different operations and events using sound or light to communicate with the user.

Technical specifications

Model Name	Slim NO PIN
▷▷ **Operating frequency**	13,56MHz
▷▷ **Reading technologies**	MIFARE CSN 4 byte, MIFARE CSN 7 byte, MIFARE Classic and MIFARE DESFire EV1. Also supports other ISO 14443 A/B* compatible cards. *Not all ISO14443 B cards have been implemented in the reader, please contact Seriline for more details on current status. MIFARE is a registered trademark of NXP B.V. and is used under license.*
▷▷ **Communication protocols**	OSDP, OSDP SC, Wiegand and RS232
▷▷ **Indicators:**	LED, Green, Red and Yellow (Bi-color). Backlight in blue color. Buzzer.
▷▷ **Power supply:**	9 – 12VDC
▷▷ **Operating temperature:**	−20° – +60°C
▷▷ **Operating humidity**	0 – 95% RHNC (Relative Humidity No Condensation)
▷▷ **Ingress Protection Classification:**	IP 65 (requires the accessory climate protection SC9901)
▷▷ **Housing dimensions**	L=141mm, H=25mm, W=48mm
▷▷ **Configuration Methods**	Configuration card, reader tool software or factory configured readers
▷▷ **Compliances**	UK CA CE RoHS 2011/65/EU

Cidron RFID Readers	Part No.
Cidron Slimline E 13.56MHz without keypad, matte black	SC9230-MD-VDI27-S
Cidron Slimline E 13.56MHz without keypad, matte white	SC9230-MD-VDI27-V
Cidron Slimline E 13.56MHz without keypad, glossy black	SC9230-MD-MP-S
Cidron Slimline E 13.56MHz without keypad, glossy white	SC9230-MD-MP- V

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IDENTITY AND ACCESS MANAGEMENT

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