CDVI
Security to Access

Datasheet

SL1-33 - Adjustable electronic cylinder kit

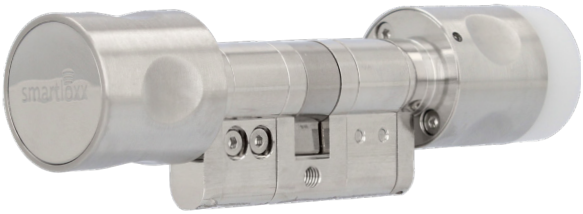
Product Description

smartloxx
PATENTED
BREVETÉ

The Smartloxx cylinder from CDVI is an intelligent, autonomous double-knob cylinder designed for maximum security and flexibility. Using innovative technology, it enables wireless, high security access control for Euro-profile locks – ideal for businesses, government institutions, and private users.

Its modular system allows extensions in 2.5 mm increments up to 30 mm, adapting flexibly to various door thicknesses.

Users choose between three authentication methods: MIFARE® DESFire® EV2/EV3 credentials, touch patterns from 4–14 digits (smartCode), and smartphone access. With memory for up to 3,000 credentials, the SL1 enables efficient access management for high security environments.



Key Features

- Fits directly onto the existing cylinder hole with no door adjustments needed
- 5-field touchcode and LED indicators
- Setup and unlocking via smartphone app
- Hold-open function for office/commercial use
- Time profiles for individual permissions
- Logging of the last 3,000 openings for complete traceability
- Kit includes: 1x cylinder, 1x battery, 2x HS-10

UKCA Certification
CE Certification
DEEE
RoHS Certification
IP65
-20°C to 65°C

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2 YEAR WARRANTY

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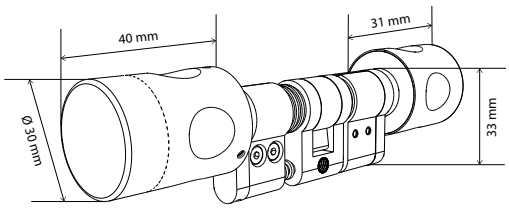
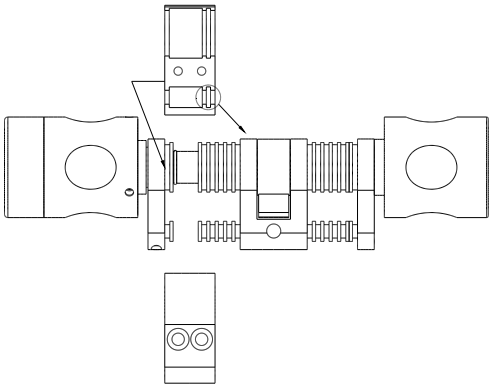
Product Specifications

Material:	Stainless steel
Mounting:	Euro-profile cylinder slot
Technology:	MIFARE® DESFire® EV2/3, Bluetooth®
Frequency:	13.56MHz (RFID credential) 2.4GHz (smartphone App)
User code:	4–14 digits, 5-field touch code
Time delay:	4 to 60 seconds
Memory:	3,000 credentials (access-on-device)
Cycles tested:	35,000
Firmware updates:	Via 2.4 GHz wireless interface, prepared for 868 MHz
Weight:	350g (SL1-33)
Dimensions:	
• Outer knob:	Ø 30mm, (L) 40mm
• Inner knob:	Ø 30mm, (L) 31mm
• Total length:	148mm (SL1-33)





Electrical Specifications

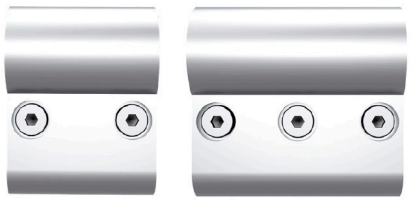
Power supply:	3V CR2 lithium battery (included)
Battery life:	Up to 35,000 openings or 2 years standby

Download the app!

AVAILABLE ON Google Play
KEYLOXX

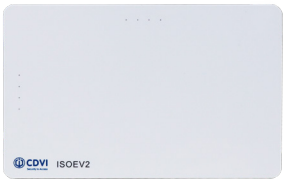
AVAILABLE ON App Store
SMARTLOXX

Accessories



HS-20, HS-30
Half shells for modular length-adjustment to door length

METALD
MIFARE® DESFire® EV2 tag credential (pack of 10)



BCD
MIFARE® DESFire® EV2 card credential (pack of 10)

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