CDVI
Security to Access

Datasheet
Online Access Control

KPAD
Multi-technology keypad and reader

High security encryption
Encrypted communication with ATRIUM KRYPTO access control system

Dual-Frequency Compatibility
Supports 125 kHz and 13.56 MHz credentials to suit different security requirements

Smartphone connectivity
Use your phone as a credential with the ATRIUM BT app for fast, convenient access.

Rugged and reliable
Engineered to withstand extreme temperatures, harsh weather, and heavy impacts

Slim and installer-friendly design
Compact housing for easy installation, with LED indicators for clear access status



KRYPTO
HIGH SECURITY SOLUTION

RoHS · IP65 · IK10 · -40°C to 85°C / -40°F to 185°F · 10 YEAR WARRANTY

PRODUCT DESCRIPTION

The KPAD from CDVI is a high-security dual-technology keypad and card reader designed for reliable indoor and outdoor access control.

Combining PIN entry with 125 kHz and 13.56 MHz operation, it supports KPRYPTO Mobile-PASS, MIFARE® DESFire® EV2/EV3, and proximity credentials. Offering flexible options in a secure access control solution.

Built for performance, the KPAD delivers fast response times, an extended read range, and resistance to extreme temperatures. All in a slim, IK10-rated enclosure built for demanding environments.

As part of the CDVI KRYPTO ecosystem, the KPAD works with compatible controllers, credentials, and mobile access solutions to deliver an encrypted and fully integrated access control experience.

RELATED PRODUCTS



A22K
ATRIUM Controller



AMC25
Mobile-PASS Credential



KPROX
Reader



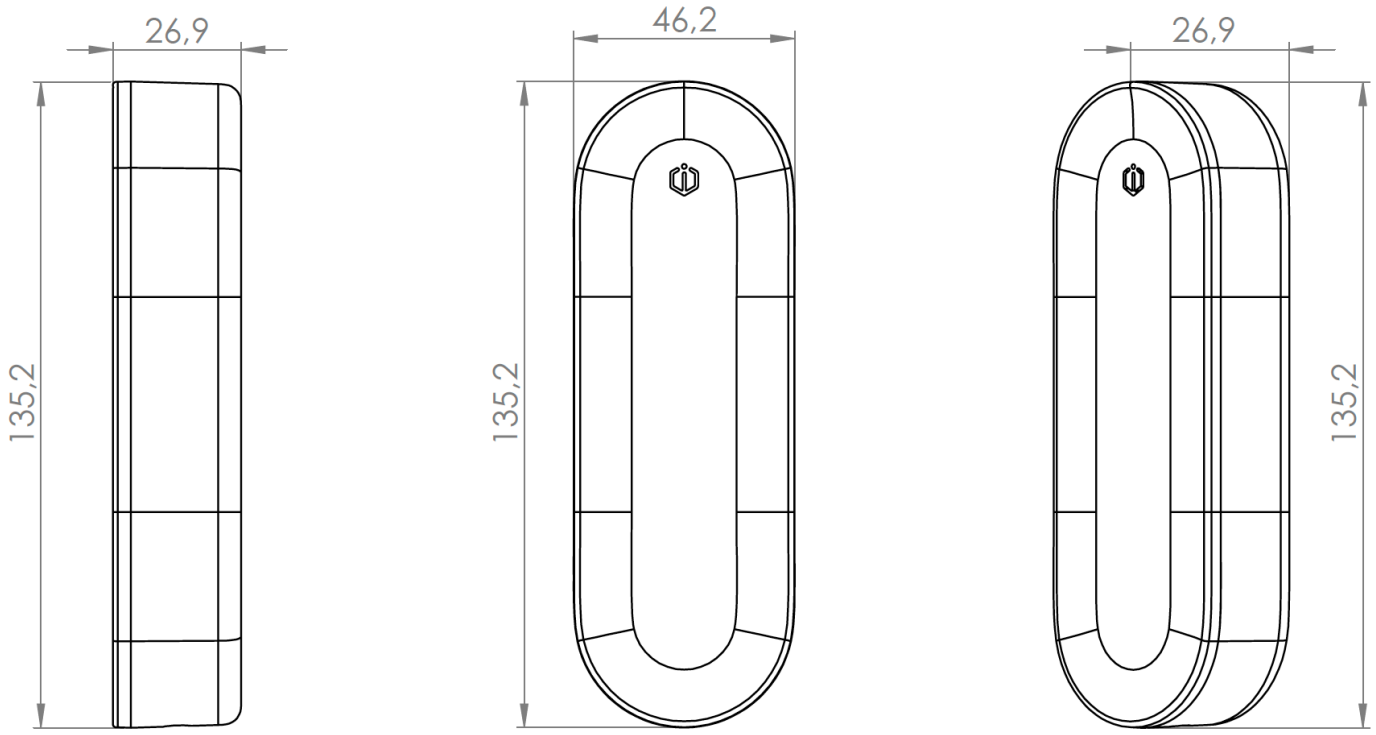
TAGEV2
Tag Credential

TECHNICAL SPECIFICATIONS

	KPAD
Mechanical	
Material	Polycarbonate, backlit touch keys
Mounting	Surface
Technology	Proximity, MIFARE® Classic, MIFARE® DESFire® EV2/3*, Bluetooth®, NFC
Frequency	13.56 MHz / 125 kHz
Type of Security	AES128-bit encryption (credential to reader) AES256-bit encryption with KRYPTO (reader to controller)
Read Range	Up to 2.4 in (6 cm)
Communication	RS-485, OSDP-2 compatible
Dimensions	5.3 x 1.8 x 1.1 in 135.2 x 46.2 x 29 mm
Weight	8.5 oz, 240 g
Electrical	
Power Input	12 Vdc
Power Consumption	42 mA

** MIFARE® DESFire® EV3 credentials must be configured with a fixed UID. Credentials operating in random UID mode cannot be identified by the system.*

OUTLINE DIMENSIONS



ACCESSORIES

KMOUNT	Mounting plate for KPROX, KPAD, WPROX & WPAD readers
KPROG	USB credential enrollment device, 13.56MHz
AMC25	Licence card for Mobile-PASS smartphone credentials
ISOEV2	ISO printable MIFARE® DESFire® EV2/3 card credential, 13.56MHz
MDTAG	Robust MIFARE® DESFire® EV2/3 tag credential, 13.56MHz
CSEV2	Clamshell MIFARE® DESFire® EV2/3 card credential, 13.56MHz
BTAG25	Blue proximity fob credential with metal clip, 125kHz
DISCTAGEV2	Sticker proximity tag credential, 13.56MHz
KTAG25	Black proximity fob credential with metal clip, 125kHz
CS25	Clamshell proximity card credential, 125kHz
ISO25	ISO printable proximity card credential, 125kHz
TAGEV2	Sleek epoxy MIFARE® DESFire® EV2 tag credential, 13.56MHz
CSM	Clamshell MIFARE® Classic card credential, 13.56MHz

ALSO AVAILABLE IN THIS RANGE

KPAD	Robust high security encrypted multi-technology keypad and reader
KPROX	Robust high security encrypted multi-technology reader
WPAD	Robust Wiegand multi-technology keypad and reader
WPROX	Robust Wiegand multi-technology reader

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