InnaITKey

PK32XX-DSC



Overview

InnaITKey DSC is India's first Aatmanirbhar (Make in India) USB token for storing digital certificates. It uses no components from border sharing countries. It is compliant with the Controller of Certifying Authority (CCA) guide-lines, and you can store digital certificates issued by any Certifying Authority (CA).

Highlights

- Device authenticity verified using PKI as opposed to using serial number, VID or PID
- Password setting is in the hands of the user and not preset by issuer
- Activation by BOTS is prevented as user presence validated by authentication
- Secured FIPS 140-3 Level 3 module with high-end controller

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Unique in the Market

InnaIT DSC is the only DSC token in the market that offers all the following directly in its own Token Manager, across Windows, Linux, macOS, Android and iOS, with no additional software required.

Mobile token management:

View, import, delete and share certificates and manage your token from your phone. Available on Android 11.0 and above and iOS 16.0 and above.

Built-in PDF signing:

Sign up PDFs with visible signatures straight from the Token Manager, without any third-party signing software.

Multi-page signing in a single click:

Sign up all the pages of a PDF in one click, instead of signing each page separately.

Bulk PDF signing:

Sign up all the PDFs in a folder in a single operation, with every page of every PDF signed at once.

Specification

01	GENERAL SPECIFICATIONS	
	Category	**Nominal Value**
a	Operating Temperature	0°C to 85°C
b	Operating Voltage	5V DC, 22mA
c	Connectivity	USB Type-A 2.0
d	Indication	Single colour LED
e	ESD	JS-001-2023 +/- 2KV
f	Compliance	FIPS 140-3, BIS, FCC, CE
g	Supported Operating Systems	Windows, macOS, Linux, Android, iOS

02	DIGITAL SIGNATURE CERTIFICATE MODULES
a	FIPS 140-3 Level 3 certified CMVP / FIPS Certification number: 4679
b	RSA (2048, 3072 and 4096 bit), ECC (NIST P256, NIST P384, NIST P521)
c	SHA-256, SHA-384, SHA-512
d	EAL 6+ Certification

03	MICRO CONTROLLER	
a	Secure Element	JCOP 4.5 on P71D600
b	Controller	NXP MCXA143
c	CPU	1X Arm 32-bit Cortex-M33
d	Certifications	Common Criteria EAL 6+ (high) EMVCo
e	Security	128-bit UUID by IETF's RFC4122 version 5

04	MECHANICAL	
a	Device Dimension	H 49.00mm, W 18.6mm, T 11.10mm
b	Material type	ABS
c	Device Weight	7.46g (w/o package)

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