

Thales NFC contactless reader



The Thales NFC reader is a 13.56 MHz USB contactless smartcard reader that supports a wide range of credentials, including ISO 14443 type A and B cards, MIFARE, FeliCa, ISO 15693 and ISO 18092-compliant NFC cards and tags. This is a robust reader that can be used in challenging environments, tested to IP67 for resistance to dust and water.

The reader supports modes including card reader/writer, card emulation and keyboard emulation. The Thales NFC reader is also compatible with **Read-a-Card**, the contactless card ID reading application, useful for the integration of RFID technology into new or existing systems.

The Thales NFC reader is CCID and PC/SC compliant, for maximum interoperability with various different devices and applications and supports download speeds up to 848kbps.

This particular model is housed in a sleek black plastic case with a captive cable, USB-C to USB-A adapter, and cleverly designed stand for desk mounting at a convenient angle.

Thales part number 962-000038-001

A compact IP67-rated 13.56MHz NFC contactless USB-C reader (or USB-A, with adapter included) with a stand.

To buy, visit:

<https://www.smartcardfocus.com/shop/ilp/id~1060/p/index.shtml>

This Product Briefing has been produced by Dot Origin Ltd, the smart card experts behind SmartcardFocus.com. If you have a query email sales@smartcardfocus.com or call us on +44 (0)1428 685250.

Technical Specifications

Below is an additional photo of the Thales NFC reader.



Product:

Credential type(s): Contactless

NFC modes: Read and Write, Card emulation, Keyboard emulation

Form factor: Portable

Connector: USB Type C and USB Type A (with USB-C to USB-A converter included)

OS support: Windows; Mac OS

Contactless Card Interface:

Contactless interface standard: ISO 14443 Type A and B; ISO 18092 NFC; ISO 15693

Contactless credential types: MIFARE Classic, FeliCa

Contactless operating frequency: High (13.56MHz)

Data transmission protocol: T=CL

Contactless operating distance: Up to 70mm (2.76in) depending on tag type

Contactless read/write speed: 106/212/424/848kbps programmable (ISO14443);
26/53kbps (ISO15693)

Host Interface:

Host interface standards: USB CCID

Host data transmission speed (wired): 12 Mbps (USB 2.0 full speed) compatible with
USB 3.0

Other Features:

Status indicator: 1 x programmable LED (red, green and blue)

Firmware in-field upgradeable: Yes

Certifications:

Manufacturer's warranty: 1 year

MTBF: 500 000hrs

Type approvals: CE, UKCA, FCC, RoHS, REACH, WEEE

Application approvals: J-LIS (Japan), VCCI (Japan), KC (Korea)

Physical:

Dimensions: 85 x 60 x 9mm (3.35 x 2.36 x 0.35in)

Weight ($\pm 5\%$): 67g (2.4oz)

Cable length supplied: 1m (39in) captive

Power:

Supply Voltage: 5V DC

Current Consumption: 300mA max

Battery power option: No

Environment:

Operating temperature: 0 to 60degC (32 to 140degF)

Operating humidity: 90% RH (non-condensing)

Manufacturer's part number: 962-000038-001

Country of origin: Vietnam

HSF code: 8471900000

Manufacturer: Thales