

SCL uTrust 3721 F 13.65 MHz HF USB RFID kontaktlos Leser mit HID (Keyboard-Emulation)

MULTI-PROTOCOL

ISO 14443 A/B, ISO15693, NFC, MIFARETM, and FeLiCaTM

INTEROPERABLE

Supports major card ICs, standards, and technologies

Identiv's uTrust 3721 F HF Multi-ISO Smart Card Reader with HID integrates multi-ISO (ISO14443 and ISO15693) contactless interface capabilities to support a wide variety of identification applications. This PC-linked reader supports end-user environments where virtually all types of contactless credentials are used — including near field communication (NFC) devices in tag emulation mode — even in mixed populations.

In addition to traditional PC/SC chip card reader with CCID interface, this reader provides USB human interface device (HID) keyboard emulation function. The default configuration allows to read the unique identifier (UID) or chip serial number (CSN) of a supported card or tag and paste it as a string at the cursor position into any host application (i.e., browser, email, Word/Excel document, or any other customer application). This function is comparable to that of a commonly used barcode scanner. The default configuration can be modified to allow for block read, extraction and formatting of data with or without authentication to tag.

The Identiv driver platform and Windows® Plug-and-Play driver support allow seamless integration into any end-user environment with very little or no administration. uTrust 3721 F can even be used with Android-based solutions.

Identiv-powered SmartOSTM in-field upgradeable firmware makes uTrust 3721 F HF with HID a secure, forward-looking investment, providing both flexibility and fast time-to-market for new products and applications, as well as minimum risk linked to the evolution of technology standards. Ideal applications include electronic identification and e-passport, e-banking, and e-commerce.

Supported Standards

ISO 14443 A and B, ISO 15693

Protocols

T=CL (translated to T=1 for PC/SC compliance)



Supported Card Chips

MIFARE (Classic 1K and 4K, DESFire EV1 & EV2, Ultralight, Ultralight C, PLUS, mini, and EV1), FeLiCa (Lite and Secure), NFC (Tag Type 1 - 5), and Calypso cards

Data Transfer Rate

ISO14443: 106/212/424/848 kbps (depending on card IC)

ISO15693: 26/52 kbps (depending on card IC)

Operating distance up to 2.5 cm, depending on the card and frequency

Antenna

Integrated high-frequency (HF)

Driver

PC/SC Specification Ver. 2.01.13 for:

Windows® 7/8/8.1/10 (32 and 64 bit)

Windows® Server 2008/2012/2016

MacOS 10.6.x – 10.14.x

Linux 2.4.x, 2.6.x,3.x, 4.x (32 and 64 Bit)

Android 4.0 and higher

Software

PC/SC API

Operating Conditions

Power Supply: Bus-powered USB

Power Consumption: 200mA @ 5V

Dimensions: 91 x 75 x 12 mm (3.583 x 2.953 x 0.472 in)

Weight: 85g

Operating Temperature Range -20° to 70° C (-4° to 158° F)

Storage Temperature Range -25 to 85°C (-13 to 185°F)

Operating Humidity Range Up to 95% RH non-condensing

Status Indicator LED and Buzzer

Firmware Identiv SmartOS™

Firmware In-Field Upgradeable: Yes

USB human interface device (HID): YES

Systems/Standards

USB 2.0 Full Speed, CCID, and Microsoft® WHQL

Regulatory/Environmental

RED 2014/53/EU, FCC part 15 Subpart C, RoHS3, REACH, WEEE

Article No..

795-0041-01

Accessories

Standing base - Article No. 795-0022-01