

SCL uTrust 3721 F 125 kHz LF USB contactless reader with HID (keyboard emulation)

LOW-FREQUENCY

Supports 125 KHz contactless cards

MULTI-PROTOCOL

ASK, FSK, and PSK

INTEROPERABLE

Supports major card ICs, standards, and technology

Identiv's uTrust 3720 F LF 125 KHz Smart Card Reader integrates low-frequency contactless interface capabilities to support a wide variety of identification applications. Supporting 125 KHz contactless technology, this PC-linked reader supports logical access in end-user environments where legacy ID cards are already in place.



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 3720 F can even be used with Android-based solutions.

Identiv-powered SmartOSTM in-field upgradeable firmware makes uTrust 3720 F 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.

Supported Standards

125 kHz

Protocols

Emulated T=1 for PC/SC compliance

Supported Card Chips

LF (ASK, FSK, and PSK), HITAG

Data Transfer Rate

Variable depending on card

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

Antenna

Integrated low-frequency (LF) antenna

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: 88g

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, and WEEE

Article No.

795-0042-01

Accessories

Standing base - Article No. 795-0022-01