



YSOFT USB Card Reader version 3 Instruction Manual

[Home](#) » [YSOFT](#) » YSOFT USB Card Reader version 3 Instruction Manual 

Contents

- 1 YSOFT USB Card Reader version 3
- 2 INTRODUCTION
- 3 OVERVIEW
- 4 USAGE
- 5 LED INDICATOR
- 6 MOUNTING INSTRUCTIONS
- 7 CONFIGURATION
- 8 DISCLAIMER
- 9 FCC statements
- 10 IC statement
- 11 Documents / Resources
 - 11.1 References
- 12 Related Posts



YSOFT USB Card Reader version 3



INTRODUCTION

PURPOSE OF THIS DOCUMENT

This document provides essential information on the installation and configuration of YSoft USB Card Reader version 3.

VALIDITY OF THIS DOCUMENT

This document applies to YSoft USB Card Reader v3.

GOALS AND OBJECTIVES

That YSoft USB Card Reader v3 can be connected simply to a multi-functional device and serve for user authentication using a card. The card must be assigned to a user in the YSoft SafeQ system. After successful authentication, the user can work with the device and perform their print, copy, or scan jobs (depending on the device). YSoft USB Card Reader v3 can also be connected to workstations and used with a credit charger application or with the YSoft SafeQ client for authentication.

TERMS AND ABBREVIATIONS

- **MFD** – Multi-Functional Device
- **USB Card Reader v3** – YSoft USB Card Reader version 3

PREREQUISITE KNOWLEDGE

The person installing USB Card Reader v3 must meet the following requirements:

- knowledge of the YSoft SafeQ system (installation/administration/attendance)

OVERVIEW

SYSTEM OVERVIEW

YSoft SafeQ® USB Card Reader has the following characteristics:

- Connection and power supply of the card reader are via the USB host interface
- Exchange of the card reader is possible without turning off the MFD (hot-plug)
- Compatibility with some MFD additions

HARDWARE COMPONENTS



USB CARD READER SPECIFICATIONS

- **Identification** Using a card reader
- **Voltage** 5 V DC
- **Maximum current input** 0.5 A
- **Working temperature** +5°C to +35°C
- **Storage temperature** 0°C to +50°C
- **Working air humidity** 20% to 85% without condensation
- **Storage air humidity** 8% to 85% without condensation
- **Resistance to magnetic field** no added resistance
- **Transmitting frequency** 125 kHz, 132 kHz, 134.2 kHz, 13.56 MHz, 2402MHz-2480MHz

USAGE

Please use the card by placing it on the edge of the reader as indicated below:



LED INDICATOR

- **LED off** The USB device has not been initialized yet or the device is in sleep mode.
- **Orange** Initializing
- **Green** Card reader initialized. Ready to read a card.
- **White** Card read OK
- **Red** Card read error or card refused
- **Blue** Programming card processing
- **Yellow** Firmware update

MOUNTING INSTRUCTIONS

Please mount the card reader to an MFD using the mounting kit.



Keep unprotected cords out of the path of foot traffic to prevent tripping. Do not leave cords dangling anywhere where they can be pulled down and tripped over.



CONFIGURATION

For configuration, see USB Reader tool for Reader configuration.

Risk Description	Control Measures (details of all existing controls)	Risk Analysis			Additional Measures (details of all additional checks to be carried out)
		O	P	Risk Rating	
Falling of object/ component	A mounting kit is supplied with the device.	Small	Possible	L (C4)	Correct mounting is indicated in the manual.
Tripping over a cable	The cable is fitted with a connector at both ends that can be disconnected.	Serious	Possible	M (C3)	A recommendation on cable placement is indicated in the manual.
Entry of water into electronic components	The device is damaged.	Small	Possible	L (C4)	The manual states the user is to prevent water from entering the device.

Risk Description	Control Measures (details of all existing controls)	Risk Analysis			Additional Measures (details of all additional checks to be carried out)
		O	P	Risk Rating	
Exposure to non-ionizing radiation (radiofrequency)	The device produces radiofrequency radiation below limits indicated by relevant norms.	Small	Improb.	L (D4)	<p>The norms the device meets are listed in the manual:</p> <p>EN 55032:15</p> <p>EN 55024:10</p> <p>ETSI EN 301489-3 V1.6.1:13 ETSI EN 301489-1 V1.9.2:11 ETSI EN 301489-1 V2.2.0:17 ETSI EN 301489-3 V2.1.1:17 ETSI EN 300330-2 V1.6.1:15 ETSI EN 300330-1 V1.8.1:15 ETSI EN 300330 V2.1.1:17 EN60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013</p> <p>EN 62368-1:2014/AC:2015</p>

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DISCLAIMER

A user that makes changes or modifications not expressly approved by the party responsible for compliance (Y Soft Corporation, a.s.) could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at their own expense. This device complies with Industry Canada's license-exempt RSS. Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

The product conforms with Directive 2002/96/EC of the European Parliament and of the Council of 27 January 27, 2003, on waste electrical and electronic equipment (WEEE) and Directive 2003/108/EC of the European Parliament and of the Council of December 8, 2003, amending Directive 2002/96/EC on waste electrical and electronic equipment (WEEE).

FCC statements

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and use in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

IC statement

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:


1. this device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

Radiation Exposure Statement

The product complies with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. Further RF exposure reduction can be achieved if the

product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

Documents / Resources

	<p>YSOFT USB Card Reader version 3 [pdf] Instruction Manual 0YX0MUS3078, XUY0YX0MUS3078, USB Card Reader version 3, Card Reader version 3, Reader version 3, version 3</p>
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References

- [👉 Building Better Ways of Working | Y Soft](#)
- [👉 Building Better Ways of Working | Y Soft](#)
- [👉 European Union Declaration of Conformity | Y Soft Corporation](#)