

YSOFT SAFEQ 6 DOCUMENTATION

**THE SETUP, SERVICE, AND FUNCTIONS
OF THE YSOFT SAFEQ 6**

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1 INTRODUCTION

1.1 PURPOSE OF THIS DOCUMENT

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

1.2 VALIDITY OF THIS DOCUMENT

This document applies to YSoft USB Card Reader v3.

1.3 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.

1.4 TERMS AND ABBREVIATIONS

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

1.5 PREREQUISITE KNOWLEDGE

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

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

1.6 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.



*Hereby, Y Soft Corporation, a.s. declares that the radio equipment type **YSoft USB Card Reader v3** is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address <https://www.ysoft.com/en/legal/european-union-declaration-of-conformity>.*

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 licence-exempt RSSs. 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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

สำหรับลูกค้าที่ซื้อผลิตภัณฑ์นี้ ขอขอบคุณที่ ท่านกรุณาเลือกซื้อผลิตภัณฑ์นี้ ก่อนการใช้ผลิตภัณฑ์ โปรดอ่านขอ มูลและคา แนะนา ต่อไปนี้ อย่างถ่ ถว นเพื่อการใช้งานอย่างปลอดภัย ข อบังคับ เครื่องโทรคมนาคมและอุปกรณ์นี้ ม ความสอดคล้องตามขอ กา หนดของ กกช.

埋込み型心臓ペースメーカーおよび埋込み型除細動器を装着されている場合は、本装置または本装置のワイヤレスカードシステムのリーダライタ部（アンテナ部）から12cm以上離れて携行および使用してください。電波により埋込み型心臓ペースメーカーおよび埋込み型除細動器の動作に影響を与える場合があります。



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).



Only for indoor use

2 OVERVIEW

2.1 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

2.2 HARDWARE COMPONENTS



2.3 USB CARD READER SPECIFICATIONS

Parameter	Value
Identification	Using a card reader
Voltage	5 V DC
Maximum current input	0.5 A
Working temperature	+5°C to +35°C

Parameter	Value
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

3 USAGE

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

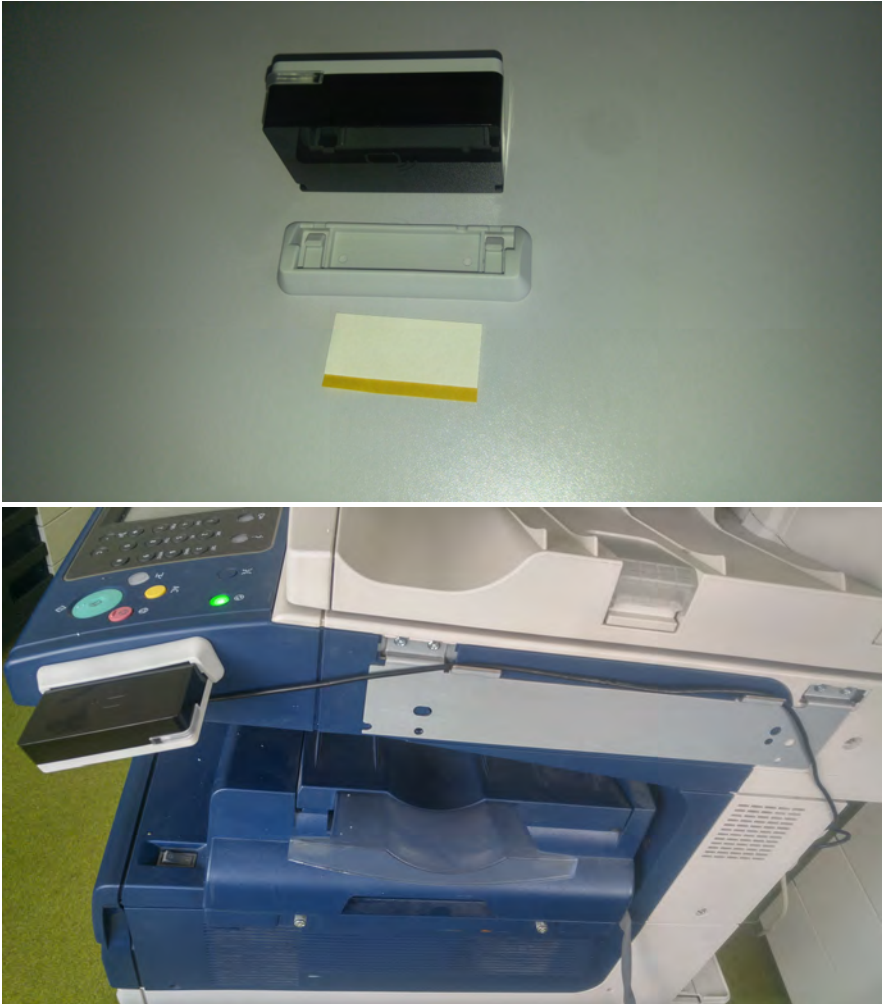


4 LED INDICATOR

LED color	meaning
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

5 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.



6 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)	The norms the device meets are listed in the manual: EN 55032:15 EN 55024:10 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 EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 EN 62368-1:2014/AC:2015

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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 used 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 statements:

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.

Cet appareil est conforme avec Industrie Canada RSS exemptes de licence standard(s).

Son fonctionnement est soumis aux deux conditions suivantes:

- (1) cet appareil ne peut pas provoquer d'interférences, et
- (2) cet appareil doit accepter toute interférence, y compris celles pouvant causer un mauvais fonctionnement de l'appareil.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Radiation Exposure Statement

The product comply with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The 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.

Déclaration d'exposition aux radiations:

Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôlé.

Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.