SwitchBridge™
SBR 1022

Bridge with USB Host and dual port Ethernet interface

Functional description

Design to allow print management on simple printers by equipping the printer with a card reader.
A USB card reader connects to the SwitchBridge™ via the USB Host port and Ethernet connection
from the central network and the local printer is connected to the on board Ethernet switch.
The SwitchBridge™ has multiple power supply options: Powered from a USB Host port on the printer,
Powered from a standard mains adaptor or Powered via Power-Over-Ethernet (PoE IEEE802.3af) from
the central network switch.

Depending on the firmware loaded the SwitchBridge™ will either accept incoming TCP connections
from a central management server or data can be send to a webserver when a card is read.

Product versions	
SBR 1021	SwitchBridge™
SBR 1022	SwitchBridge™ with Power-Over-Ethernet (PoE IEEE802.3af)

SECURITY ENGINEERING

How to order

When ordering a SwitchBridge™ please specify: product number & optionally the firmware in the following manor:

Product	SBR 1022	SwitchBridge™
Configuration	SBR 1022 FW	Firmware: 1.xx, 3.xx, 2.xx or 4.xx

Configuring the SwitchBridge™

The configuration of network settings and optionally the target server can be done using the on board web server interface or by using the Network Device Utility.
The Network Device Utility (sendu.exe) will automatically detect any online SwitchBridge™ on the local network and serves as the firmware update tool.

If a custom firmware is required please contact: *sales@securityengineering.dk*
On site firmware update requires sendu.exe software, which is freely downloadable from *www.securityengineering.dk*.

Visual indication

The SwitchBridge™ is equipped with multiple LED's for visual indication.
CPU: Powered, Boot loader mode & Application mode.
USB: USB device initialized.
Ethernet: Speed 10/100 Mbit & Activity.

Firmware

The SwitchBridge™ can be firmware updated in field using the sendu.exe utility, which is freely downloadable from *www.securityengineering.dk*.
Standard firmware supports host initiated TCP connection.
Alternative firmware is available with SwitchBridge™ initiated HTTP Post connection on card read.

Data

Dimensions	Enclosure 117 x 73 x 24 mm (L x W x H)
Color	Black
Connection	USB A Connector for card reader. miniUSB B Connector for local power supply. 2 x RJ45 Connector for Ethernet switch and printer.
Commodity code	8471
Country of Origin	DK
ECCN code (US)	N
Export list number (EU)	N

SECURITY
ENGINEERING