sks

Product data sheet
Media coupler

**Your connection between
SKS 6-wire BUS and IP network**

The media coupler is used to connect the SKS IP network and SKS BUS systems. It enables the coupling of several BUS segments to form a complete system as well as the expansion of SKS IP systems by 6-wire indoor stations. The digital video input signals are made available to all SKS 6-wire participants, audio and control signals are converted bidirectionally. Thus it is possible to realize of extensive systems with regards to the number of participants and cable lengths.

Per BUS segment one media coupler is required as well as a solo compact power supply 300119 (for smaller BUS segments) or a basic compact power pack 300089 in combination with a video compact power pack 300090 (for BUS segments with up to 96 indoor call stations) depending on the number of indoor stations.

In its function as an IP gateway, the media coupler offers the possibility of communicating via your SKS intercom system by connecting mobile devices such as smartphones, tablets or computers, even when you are not at home - worldwide! Here call, audio, video and control signals from the door station are transmitted to local IP users or via the internet to your mobile device and so that opening the door, receiving parcels in a COMFORTbox parcel compartment system or switching on the staircase light (the latter only with an additional multifunctional actuator) via your smartphone is possible. A door call can be transmitted to up to ten devices with the media coupler.

To be able to use the media coupler in its functionality as an IP gateway in connection with the my sks app a corresponding paid license is needed for each call destination which is limited in time.

For this purpose, SKS provide the **my sks** app (for iOS and Android), which enables mobile communication with your door station via the data channel of your mobile phone network (Voice over IP). The iOS my sks app was optimized for devices from iOS version 11.0 (iPhone, iPad, iPad Pro), the Android app was developed for devices from software version Android 6.0 ("Marshmallow"). Actual compatibility as well as functionality and scope of services may vary depending on the end device, so SKS offers a demo mode in the free app to assess compatibility before purchase.

The **my sks** app is an ideal addition to your door intercom system for convenient and mobile communication, however it is not a substitute for an indoor station, as factors such as B. radio network quality (both mobile radio and WLAN) or the battery level of the mobile device play a decisive role in the functionality. Hence the connection quality with regard to image and voice transmission can vary greatly due to location-specific factors and functionality can therefore not generally be guaranteed. SKS thus generally recommend the parallel use of a mobile device AND an SKS indoor station.

A permanent internet connection is required to connect mobile devices; the bandwidth must be at least 3 Mbps upstream and 3 Mbps downstream. Please note that the nominal bandwidth provided by the provider and the actual, continuous transmission rate can vary greatly. Clients operated in parallel as well as the quality settings made influence the real transmission rates.

SKS-Kinkel Elektronik GmbH, Im Industriegebiet 9, 56472 Hof/Westerwald
Tel.: +49 (0) 2661/98088-0, Fax: -200, www.sks-kinkel.de, info@sks-kinkel.de

Version no. 1-2
Document No. 97020401

1

Media coupler (300102)

sks

Features	Availability
Worldwide door communication	✔
App for mobile devices	✔
PC application(from Windows 10)	✔
Remote maintenance	✔
Phone system license	On request
Number of BUS addresses	96
Remote backup	On request

*Each call destination can consist of one or more fixed BUS addresses.

Technical data

Standard support for built-in IP telephone systems	
SIP	Over 5060 or 5061 TCP
RTP	Via dynamic ports
Audio	uLaw 8bit@8khz
Video	H.264 BP per RTP Payload Type 99
DTMF key tones	Out-of-band, SIP Info, SIP Info per "application/dtmf-relay"
General data	
Video resolution	768 x 576 pixels (6-wire BUS)
Working temperature	0 °C to +45 °C
Humidity	20 % to 90 %, non-condensing
Housing	Plastic housing for DIN rail mounting
Measurements (width x height x depth)	107 x 103 x 72 mm incl. terminals (6 DU)
Protection type	IP20
Electrical data	
Power consumption active/stand-by	5.0 W/1.6 W
Network connection	2 x RJ45, 100 Mbit/s, IPv4 (DHCP/static)
Necessary open ports (outgoing)	80, 443, 51820 UDP, 53 (DNS), 123 (NTP)
Nominal input voltage	24 VDC
Nominal input current	Maximum of 400 mA

To be able to use the full functionality of the media coupler in the function of an IP gateway its registration and administration on my-sks.de is necessary.

The Contract for order processing, the Terms of use and Privacy statements for the use of the media coupler and those of the matching software for the devices (**my sks app**) as well as for the use of the online portal my-sks.de can be found on my-sks.de.

If applicable the seller's offer becomes the buyer's offer after the expiration of the time commitment.

This product data sheet is valid only in connection with the matching actual software and firmware version, this data sheet does not apply for later versions!

SKS-Kinkel Elektronik GmbH, Im Industriegebiet 9, 56472 Hof/Westerwald
Tel.: +49 (0) 2661/98088-0, Fax: -200, www.sks-kinkel.de, info@sks-kinkel.de

Version no. 1-2
Document No. 97020401

2