

CHP - Compact High Performance Headends

4-way and 8-way HDMI IP encoder

Benefits at a glance:

- ✓ 4/8 x HDMI in 4/8 x SPTS
- ✓ Four/eight HDMI inputs
- ✓ One/two IPTV outputs
- ✓ H.264 video encoding
- ✓ Web-based configuration, remote maintenance (SMARTPortal)
- ✓ Built in power supply
- ✓ 19" unit, 1 RU

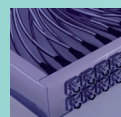
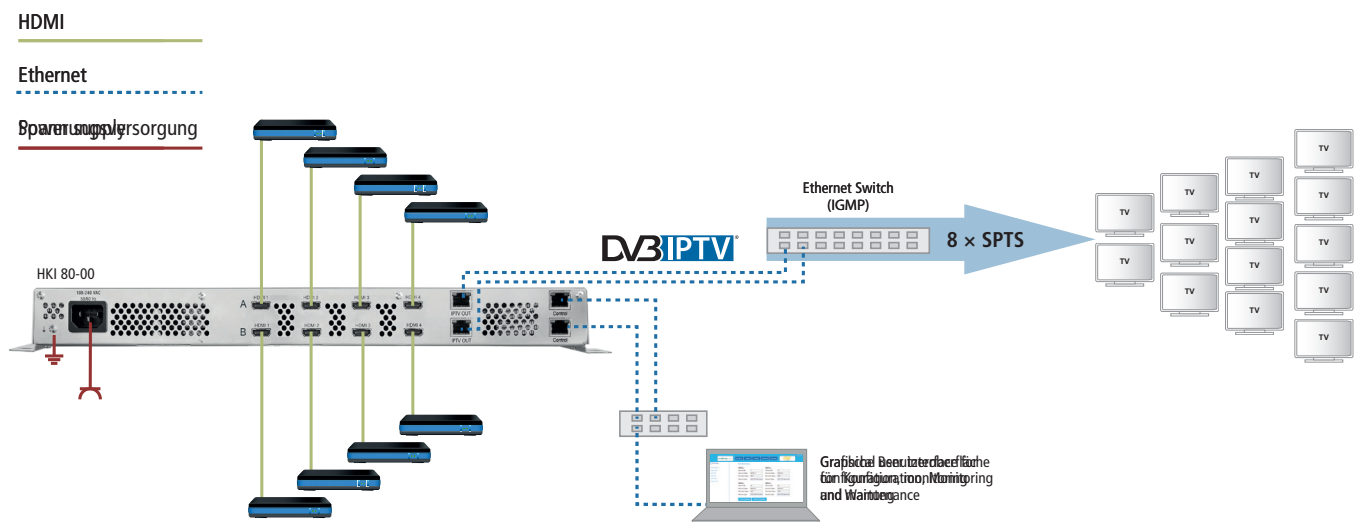


Available devices:

- | | |
|-----------|----------------------------|
| HKI 40-00 | 4-way HDMI into IP encoder |
| HKI 80-00 | 8-way HDMI into IP encoder |

Product description

The 4-way and 8-way HDMI IP encoders are designed to deliver high-quality video streaming for professional IPTV applications. Each model supports four or eight HDMI inputs and provides one or two IPTV outputs using Single Program Transport Stream (SPTS). With advanced H.264 video encoding, these encoders ensure efficient bandwidth usage while maintaining excellent image quality. Configuration and remote maintenance are simple and convenient through the SMARTPortal web interface, and the built-in power supply guarantees reliable operation. These encoders are the ideal solution for broadcasting, hospitality, and enterprise environments where stable, high-definition video delivery over IP networks is essential.



AXING AG

Gewerbehaus Moskau

Phone +41 52 - 742 83 00

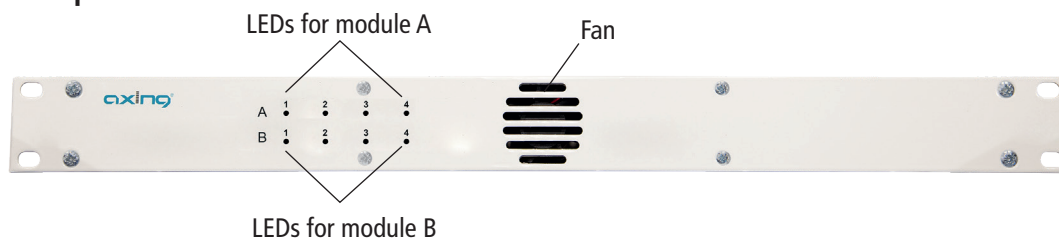
Fax +41 52 - 742 83 19

8262 Ramsen

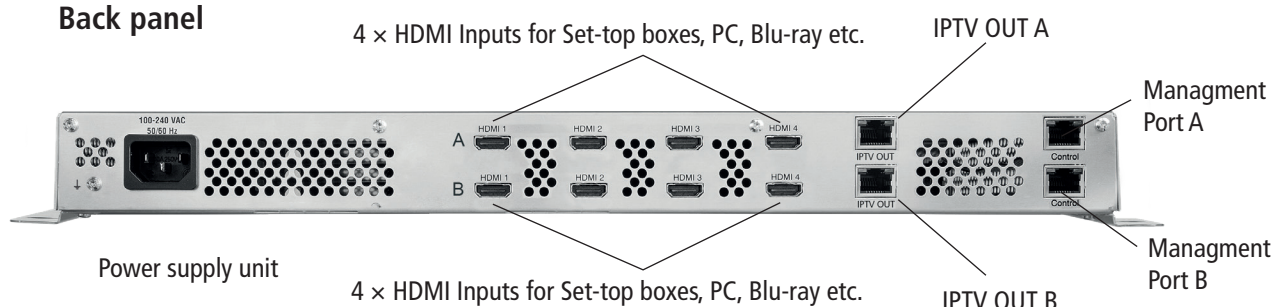
info@axing.com

www.axing.com

Front panel

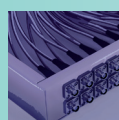


Back panel



Technical Data

Type	HKI 40-00	HKI 80-00
Inputs		
Number	4 × HDMI	8 × HDMI
Supported protocols	HDMI 1.3, 1.4a HDCP 1.4	
Video resolution	1080p@50 Hz 1080p@60 Hz	
IP output		
Transportstreams	4 × SPTS	8 × SPTS
Total net data rate	56 Mbps	2 × 56 Mbps
Supported transport protocols	UDP	
Supported application protocols	RTP	
Audio codecs	AAC, AAC+, AAC++, MP3	
Video codecs	H.264	
Interfaces		
Ethernet connectors	2 × RJ 45	4 × RJ 45
Ethernet standards	IEEE 802.3, 100 Base-T @ Control IEEE 802.3, 1000 Base-T/1 GbE @ IPTV OUT	
Supported configuration protocols	HTTP, AXING SMARTPortal*	
General		
Operating temperature range (acc. to EN 60065)	−10 °C ... +50 °C	
Operating voltage	100 ... 240 VAC/50 ... 60 Hz	
Power consumption	15 W	30 W
Dimensions (W × H × D) appr.	480 × 253 × 47 mm	
Weight	2.200 kg	2.600 kg
Comments	* encrypted, cloud-based application for configuration, monitoring and remote maintenance	



AXING AG

Gewerbehaus Moskau

Phone +41 52 - 742 83 00

Fax +41 52 - 742 83 19

8262 Ramsen

info@axing.com

www.axing.com