BROTECH MISSION CRITICAL SYSTEM
DECODER 4K

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The **BMCS decoder 4K** is a hardware unit which decodes and plays out network streams. It supports video and remote desktop protocols, as well as other formats that are externally converted. One BroTech LED Display with up to UHD resolution can be driven by this unit.

Multi-Screen Video Playback

Up to 12 Full HD H.264 video streams can be decoded and displayed in parallel. The hardware supports the playback of 4K content and sources with lower resolutions. The content can be freely scaled, cropped, and positioned across multiple decoders and screens.

Reliable 24/7 Operation

The redundant network connections are monitored and can be reinstated if needed. The hardware watchdog secures a reliable 24/7 decoding process. After a power failure, the device reboots and configures itself automatically.
* To avoid any blackouts the entire system can be equipped fully redundantly.

Pre-Installed Software

The network decoder V1.0 is delivered ready to run, with all needed software licenses. All needed software is kept on an internal SSD drive. Software updates are distributed via the master unit.

Master Unit Required

To use the decoder, a BMCS Decoder Master Unit is needed for management and setup of the device. The device is not usable without a master unit.

Metal chassis Size: 23.7x20x9.5 cm
Weight: 2.1kg
Volume: 4.5 l

Power supply:
External, fanless 230V power supply, max 120W, typical 35 W

Intel Core:
Intel Core Ultra 5 225, 2x8 GB DDR5 RAM, 250 GB SSD

OS:
Ready to run appliance, Linux based OS

Video Network:
4 x 10G SFP+

Management Network:
2 x RJ45 Copper
100/1000/2500 Mbit/s

Audio:
Audio output via analog audio output, 3.5 mm audio jack

Operating temperature:
0 -50°C

Model name:
BMCS Decoder 4K V1.0

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