

## CLOSED CAPTION EXTRACTOR

**CCE-1S CCE-2S CCE-4S CCE-6S**

- Processing up to 6 SDI SD/HD/3G signals
- Web interface for Configuration and Monitoring
- Simple, Robust and Reliable



### MAIN FEATURES

- Extraction of Closed Caption embedded in SDI signals
- Ability to process up to 6 SDI SD/HD/3G signals simultaneously
- Closed Caption retransmission via TCP/IP protocol
- Easy-to-use graphical web-based configuration and operation interface
- Access control
- Firmware update via web interface
- Alarm logging
- Single 1/3UR cabinet
- Optional dual redundant power supply (2/3UR)
- This equipment is part of the subtitling system, compatible with VideoSwitch Auxiliary Services Server, for the transmission of subtitles in ISDB-T and DVB standards.

The Closed Caption Extractor, CCE, is a compact unit designed to operate autonomously, capable of extracting and decoding Closed Caption embedded in an SDI signal for transmission to a client via TCP protocol. It can have up to 6 SDI inputs from which the Closed Caption is extracted, depending on the channel or service and extraction mode configured, and for each input it allows the connection to a different TCP client for data transmission.

These systems generate subtitles specifically designed for people with hearing loss or difficulties in picking up sounds, allowing them to understand what is being said without the need for audio volume.

Unlike regular subtitles, which only transcribe dialogue, Closed Captions describe all audio content, including background music and sound effects, through words or symbols.

They are also useful for people who are learning a language or are in noisy environments where it is difficult to hear clearly.



CCE-1S / CCE-2S / CCE-4S / CCE-6S	
CLOSED CAPTION EXTRACTOR	
INPUTS	<p>Quantity: 1 / 2 / 4 / 6</p> <p>Signal type: SDI SD / HD / 3G</p> <p>Connector: 1x BNC / 2x BNC / 4x BNC / 6x BNC</p> <p>Impedance: 75 Ohms</p>
CONTROL AND DATA INTERFACE	<p>Connector: 1x RJ-45</p> <p>Physical layer: IEEE 802.3</p> <p>Interface: 10/100 Mbps full duplex Ethernet port</p> <p>Protocol: TCP/IP with DHCP support</p> <p>Web Client: Access control: Yes</p> <p>Data: Closed Caption retransmission via TCP</p>
POWER SUPPLY	<p>Voltage: 80-240VAC (47Hz-63Hz)</p> <p>Consumption: 25W (Max.)</p>
CABINET	<p>Depth: 245mm (without connectors) 270mm (with connectors)</p> <p>Height: 42mm (1UR)</p> <p>Width: Single power supply: 145mm (1/3UR) (without ears) Dual redundant power supply: 290mm (2/3UR) (without ears) (optional)</p> <p>Mounting: Rack mount kit (optional) Desktop mounting kit (optional)</p>
FEATURES	<p>Decodes EIA/CEA/CTA-608 CC1-4</p> <p>Decodes EIA/CEA/CTA-708 S1-6</p> <p>VBI or VANC selection for SD signals</p>