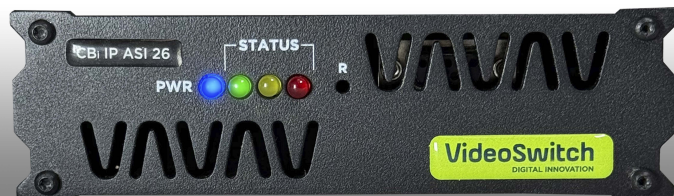


BIDIRECTIONAL CONVERTER

CBi IP ASI 11 CBi IP ASI 26

- ▶ **Allows interconnection of ASI equipment with IP networks**
- ▶ **Ideal for deploying low-cost IP microwave links**



CBi IP ASI 11

- ▶ 1 ASI Input/Output (BNC)
- ▶ 1 GbE UDP-IP Input/Output (RJ-45)
- ▶ Supports SPTS, MPTS, 188 and 204 bytes
- ▶ Up to 200Mbps processing per ASI interface
- ▶ Control and monitoring via Web interface
- ▶ Individual 1/3RU enclosure

CBi IP ASI 26

- ▶ 6 ASI Inputs/Outputs (BNC)
- ▶ 2 GbE UDP-IP Inputs/Outputs (RJ-45)
- ▶ Supports SPTS, MPTS, 188 and 204 bytes
- ▶ Up to 200Mbps throughput per ASI interface and 950Mbps per GbE interface
- ▶ Control and monitoring via Web interface
- ▶ Individual 1/3RU enclosure

The VideoSwitch IP-ASI-IP Bidirectional Converter is a simple and robust equipment with high processing power capable of converting up to 6 simultaneous streams of up to 200Mbps each. All its interfaces are bidirectional, which allows the same equipment to perform conversions in both directions (ASI -> IP or IP -> ASI) simplifying the installation and reducing costs when it comes to spare equipment.

The CBI IP ASI can be purchased in two variants, the "11" which has 1 Ethernet interface and 1 ASI interface, or the "26" which has 2 Ethernet interfaces and 6 ASI interfaces.

In the latter, UDP/IP sockets connecting to the ASI interfaces can be created on any of the two Ethernet interfaces. At the same time, this model allows signal replication, so that the user could take the same input stream and send it to up to 6 different destinations.

This equipment comes in a 1/3 RU cabinet and has an internal power supply. It can also be purchased with redundant power supply, in which case the cabinet will be 2/3 RU. Both models have an Ethernet interface for independent control of the data interface(s). Rack or Desktop mounting brackets are also available and can be purchased separately.

| CBI IPASI 11 / CBI IPASI 26 | |
|-----------------------------|---|
| BIDIRECTIONAL CONVERTER | |
| ASI INTERFACES | <p>Quantity: 1 (CBI 11) 6 (CBI 26)</p> <p>Signal type: ASI (ETSI standard EN50083-9), MPEG-TS, 188 or 204 bytes</p> <p>Connector: 1 x BNC (CBI 11) 6 x BNC (CBI 26)</p> <p>Direction: Input or output, user configurable</p> <p>Impedance: 75 Ohms</p> |
| IP INTERFACES | <p>Quantity: 1 (CBI 11) 2 (CBI 26)</p> <p>Type: Gigabit Ethernet 10/100/1000Mbps IEEE 802.3ab</p> <p>Connector: 1x RJ-45 (CBI 11) 2x RJ-45 (CBI 26)</p> <p>Logic channels: 1 Channel (CBI 11) 6 Channels (CBI 26) UDP/IP Socket each configurable as input or output</p> <p>TS format: M-SPTS: one SPTS per UDP port M-MPTS: one MPTS per UDP port Supports 188 and 204 bytes MPEG-TS packets</p> |
| CONTROL 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>Functions: Access Control, Configuration and Monitoring, Alarm and Error Logging, Software and Firmware Upgrades</p> |
| POWER SUPPLY | <p>Source: Single Internal / Optional: Dual internal redundant power supplies</p> <p>Voltage: 80-240VAC (47Hz-63Hz)</p> <p>Consumption: 25W (Max.)</p> <p>Type of Cabinet: 1/3 RU (1RU high x 1/3RU wide) (single supply) 2/3 RU (1RU high x 2/3RU wide) (redundant supply)</p> |
| CABINET | <p>Depth: 245mm (without connectors) 270mm (with connectors)</p> <p>Height: 42mm (1RU)</p> <p>Width: 145mm (single supply) (without ears) 290mm (redundant supply) (without ears)</p> <p>Mounting: Rack mount kit (optional) Desktop mount kit (optional)</p> |