# ASI-Bridge CAM

## HDV to ASI converter

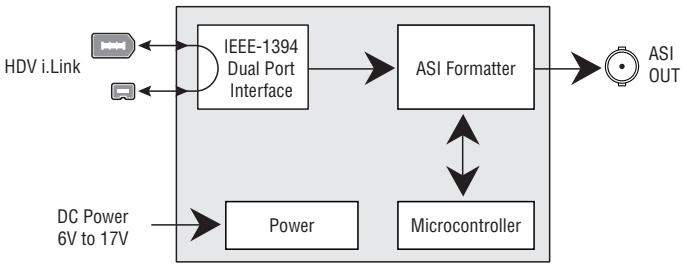

The ASI-Bridge CAM is a camera-mounted HDV to ASI converter, which offers direct transmission of HDV news footage, and more effective HDV recording to an MPEG-2 server. The ASI-Bridge CAM can also be combined with the HD-Bridge DEC+ to create a highly effective long range HDV news gathering system (see page 262). This overcomes the short range limits of Firewire cable, and allows more flexibility in the field. Miranda's ASI-Bridge CAM interface accepts HDV via an IEEE-1394 connection, and converts it to standard MPEG-2/ASI format. The interface is ideal for HDV news gathering, and can be used to convert HDV directly to ASI without the need for a costly HD MPEG-2 encoder. The ASI-Bridge CAM allows direct MPEG-2 recording on a server for cost effective preparation of dailies. The use of ASI cabling from the camera means the dailies recording device can be located further away from the camera. The compact interface mounts discretely between an HDV camcorder and a tripod, and accepts power from the camera battery or from a dedicated in-line power supply.

### KEY FEATURES AND BENEFITS

- HDV/IEEE-1394 to MPEG-2/ASI interface
- DVB-ASI compliant
- Supported Formats:
  - SD 525/625: HD1 @ 19.8 Mbps
  - HD 720p: HD1 @ 19.8 Mbps
  - HD 1080i: HD2 @ 25 Mbps
  - ATSC: 19.4 Mbps
- Compact and neat camera-attached design
- Flexible 6 V to 17 V input power range
- Very low 2 W power consumption

### TECHNICAL SPECIFICATIONS

| | | | |
|---|---|---|---|
| Weight: | 362 g | **ELECTRICAL** | |
| Processing delay: | Min.: 0.2 ms | Voltage range: | 6-17 VDC |
| | Max.: 4 ms | Power: | 2 W |




ASI-Bridge Functional Block Diagram

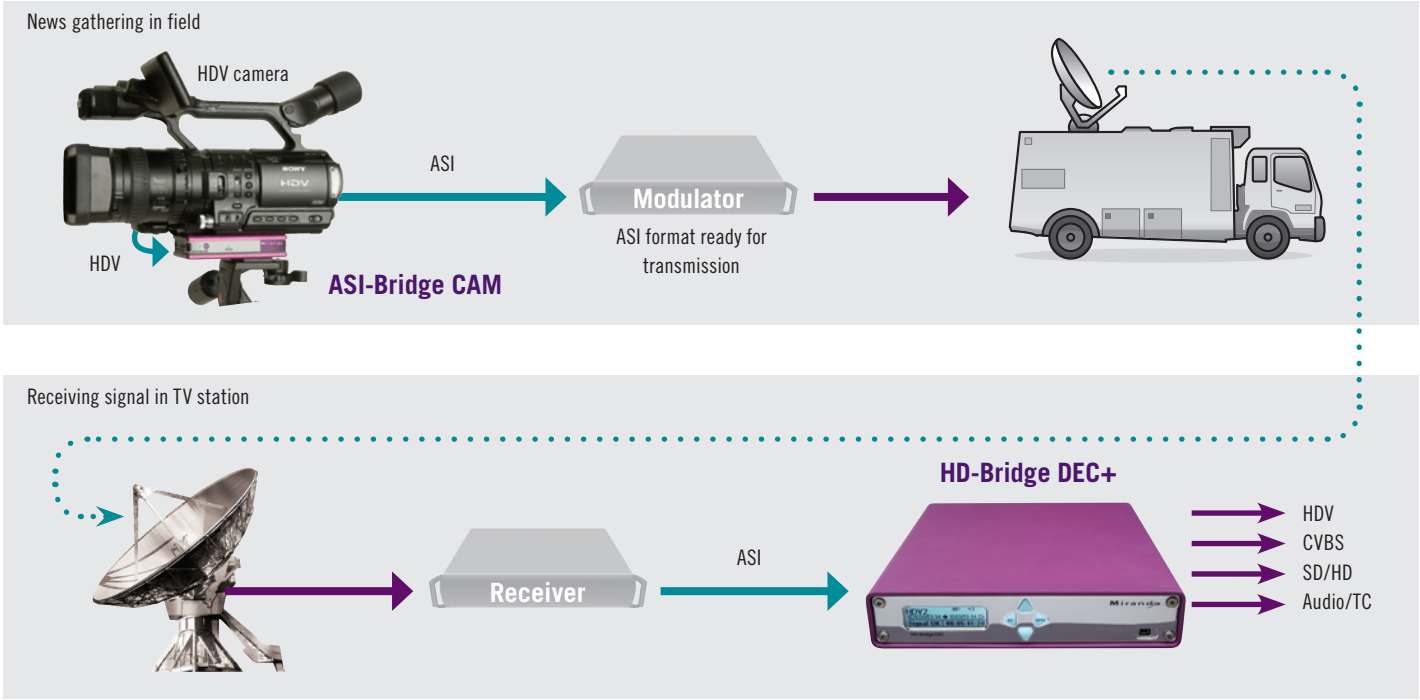
### ORDERING INFORMATION

| | |
|---|---|
| ASI-Bridge CAM | HDV to ASI interface |

# ASI-Bridge CAM: typical applications

## HDV news gathering

The ASI-Bridge CAM is ideal for HDV news gathering, and can be used to convert HDV directly to ASI without the need for a costly HD MPEG-2 encoder.




## Recording to an MPEG-2 server

The ASI-Bridge CAM's HDV to ASI conversion allows direct recording using an MPEG-2 server, and this is the most effective way of recording HDV material over longer distances.