

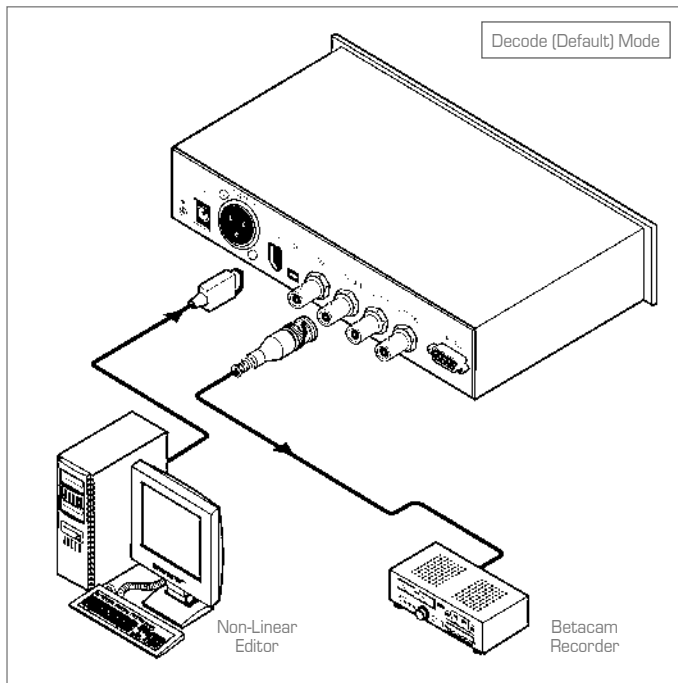
## FC-20 SDI & DV Video Transcoder



The **FC-20** is a broadcast quality bi-directional transcoder for DV (IEEE 1394a - FireWire®) and SDI (SMPTE 259M) signals. It converts a DV video and digital audio (FireWire) input to an SDI (with embedded audio) output or an SDI input to a DV output.

### FEATURES

- **Inputs** - 1 SDI (SMPTE 259M) with embedded audio (ITU-R BT.601) & 1 VITC time code.
- **Outputs** - 1 SDI (SMPTE 259M) with embedded audio (ITU-R BT.601) & 1 VITC time code.
- **Ports** - 1 6-pin & 1 4-pin DV (over FireWire).
- **Time Code** - DVITC (on SDI BNCs), VITC (on separate BNCs), & via RS-422.
- **Control** - RS-422 (on DB-9F) using Sony protocol.
- **Power** - 12V DC, 4-pin XLR, or 6-pin DV (1494A).
- **Desktop Size** - Compact size. Two units can be rack mounted side-by-side in a 1U rack space with the optional RK-80 adapter.



### TECHNICAL SPECIFICATIONS

INPUTS:	1 SDI SMPTE-259M, ITU-R BT.601 on a BNC connector. 1 VITC IN on a BNC connector.
DV PORTS:	One 6-pin FireWire port; one 4-pin FireWire port.
OUTPUTS:	1 SDI SMPTE-259M, ITU-R BT.601 on a BNC connector. 1 VITC OUT on a BNC connector.
TIME CODE:	DVITC (SDI BNCs); VITC via separate BNCs, and, linear TC via RS-422.
CONTROL:	RS-422 on a DB-9F connector (Sony protocol). Dipswitches for audio group selection and DVITC/VITC selection.
POWER SOURCE:	12VDC, 320mA on DC connector, XLR connector and 6-pin 1394A connector.
ACCESSORIES:	Power supply.
DIMENSIONS:	22cm x 18cm 4.5cm (8.7" x 7" x 1.7") W, D, H (half 19", 1U)
WEIGHT:	1.2kg. (2.6 lbs.) approx.
OPTIONS:	RK-80 19" Rack adapter.

