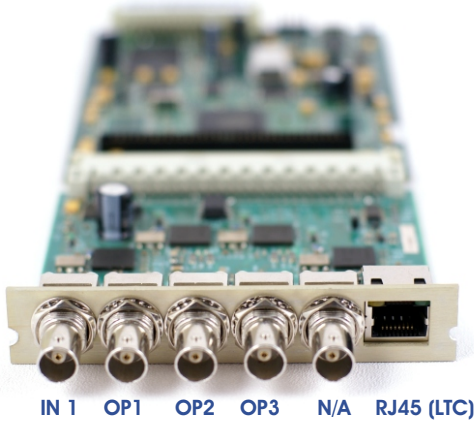


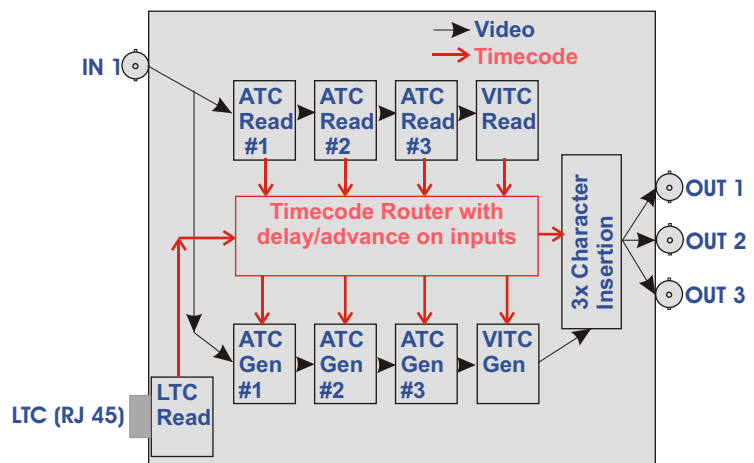
## Overview

The TC-2 is a multi definition time code reader and generator. The system reads LTC, VITC and ATC and will generate VITC and ATC. As a reader each timecode type can be burnt into an SD or HD picture with three individual displays. Timecode can also be viewed on the LCD display of an eyeheight Flexipanel (FP-9). As a generator the timecode can free-run or be jammed to any of the three read timecode streams. An offset facility is also available to cope with processing equipment delays. This unit enables timecode format conversion for example from LTC to VITC or ATC. All user bits and ancillary data can also be optionally displayed via the FP-9 control panel.

## Hardware



## Schematic



## Main Features

Auto-sensing HD-SDI and SD-SDI.

LTC, VITC and 3 off ATC readers configured for reading LTC, VITC-1 and User/VITC-2 source ATC packets.

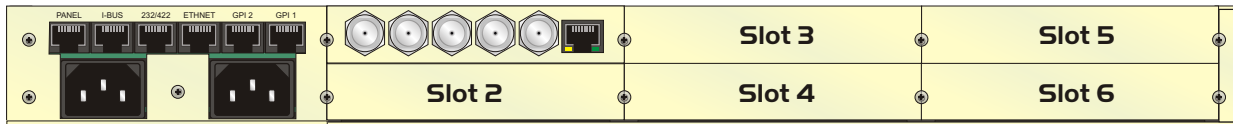
Generates VITC and ATC packets.

Flexible locking arrangements for generators make timecode format conversion easy.

Timecode advance and delay available on input.

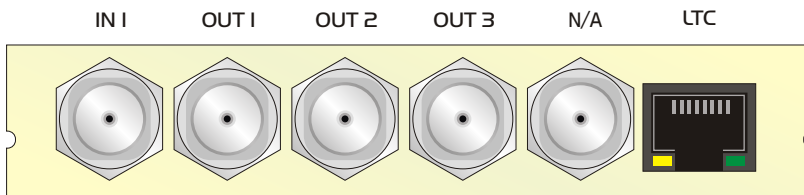
System will display 3 timecode readers simultaneously. (any 3 of LTC / VITC / ATC-L / ATC-V1 / ATC-user.

### Chassis view

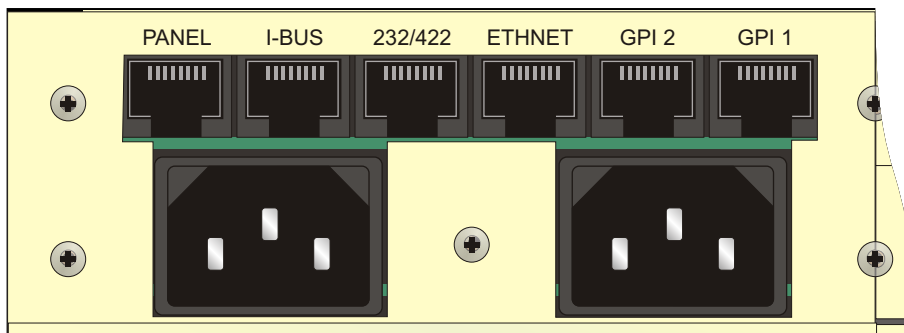


The TC-2 is plug in module for the etherbox FB-9E 1RU chassis. The basic unit takes ONE slot enabling a density of 6 units per 1RU.

### Module connections



### Chassis connections



The card connections are supplemented by the chassis connections which provides GPI inputs and outputs, an Ethernet connection which can be used for browser based chassis monitoring and optional Java control applications and an RS-232/422 automation interface.

### Ordering information

Order code format: **TC-2X-R-J**

X should be S for SD-SDI only version or M for multi-rate (SD-SDI and HD-SDI) version  
 R optional mechanical relay bypass. (Leave blank for no relay bypass).  
 J optional Java web softPanel control license. (Leave blank for no option).  
 For example:  
 TC-2M-R is a TC-2 module for multirate operation with mechanical relay bypass.