

Timecode Interface Specification

The unit shall read and generate SMPTE or EBU in a ControlLogix series PLC.

The unit must support all standard frame rates - 23.976, 24, 25, 29.97 (drop and non-drop), and 30 fps.

The PLC must have continuous access to the current time in hours, minutes, seconds and frames.

The reader shall be immune to incoming timecode dropouts, and shall continue to flywheel in the absence of external timecode, re-locking when the external time code is restored.

The unit shall regenerate the incoming timecode, providing a drop-out free copy at the generator outputs.

Timecode inputs and outputs shall be 600 ohm transformer isolated.

The unit shall display timecode status on front panel LEDs.