

NTP REFERENCED TIME CODE GENERATOR

The **ES-198** is an NTP referenced Time Code Generator. It displays six digits (Hour, Minute & Second) of time as received via a user selected NTP server. The **ES-198** then generates **ESE** TC-90 time code, this output allows the **ES-198** to easily interface with new or existing computer, automation and clock systems. Optionally available are the RS-232 output "RS" and an NPR time code output "NPR" which may be needed for interfacing to some systems.

Features:

- **ESE** Time Code Output • NTP Ethernet Port • Simple Installation & "Hands-off" Operation
- IEC Connector & Power Cord • Optional NPR Time Code Output
- 6-Digit .56" LED Display • User Friendly Software
- Rugged Rack Mount Enclosure • Perfect Synchronization with any NTP Server
- Time Advance/Retard Feature for Synchronization Purposes



Specifications

Electrical: 117 VAC, 50/60 Hz
Power: 15 Watts Maximum
Mechanical: 1.75" x 19" Rack Mount, 10" Deep
Displays: Six Digits, Yellow LED, .56" High
Accuracy: Network dependent, generally less than 1mS
Drift: ~2-3 seconds/ (if no NTP signal)
Input: Ethernet: 10/100 Base-T

Outputs: **ESE** Time Code: drives 100 Slaves @ 4000'
Clock Set-up: Network (Telnet or Windows®)
Options: J, NPR, RS, UL

