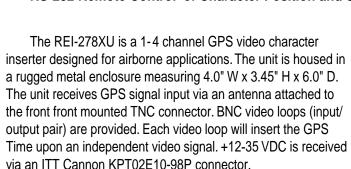


REI-278XU Ruggedized Video Time Inserter, GPS

FEATURES

- 1-4 Independent Video Channels (REI-2781U =1 Channel, 2782U =2 Channel, REI-2783U =3 Channel and REI-2784U =4 Channel)
- Transluscent White Characters Variable Size and Location
- Rugged Design for Airborne and Ground Mobile Use
- Operate with RS-170A and RS-343 (FLIR) Video Signals
- Locking Power Switch
- Low power Consumption
- 12-35 VDC Power and GPS Lock Indicators
- Provide Accurate Time Where IRIG is Not Available
- RS-232 Remote Control of Character Position and Size



The REI-2784 generates translucent white digits in 7 segment format. Horizontal & vertical size, position & character brightness are adjustable by means of two potentiometer and three push button controls, accessible inside the rear panel or remotely through the front panel RS-232 Serial Interface. Character height may be varied from 2% to 20% of picture height.

The 12 channel GPS receiver has an internal clock which is accurate to 33ms per day when GPS signal is lost. Typical signal re-acquisition with a 12 channel receiver is 5 seconds after power is restored. Remember it takes only one satellite to provide time.



REI-278XU

SPECIFICATIONS

Mounting Plate:

Power Requirement: 12-35VDC, 200mA max. **Video In/Out:** 1 Vp-p, 75 ohms

Mechanical: Black painted aluminium chassis,

Operating Temperature: 0°C to 70°C Storage Temperature: -55° to 105°C

Operating Humidity: 95% non-condensing (+30°C to 60°C)
GPS Receiver: 12 channel (only one required for time)

Unit Size: 3.45" H x 4.0" W x 6.0" D

(REI-2784 - 4.35"H x 4.2"W x 6" D) 5.2"W x 5.75"D Ø.13" Thick

Specifications subject to change without notice.

