



■ Features

Using the GPS common-view mode, the GCET-SA generates a reference signal synchronized with the reference frequency modulated by the National Metrology Institute of Japan (NMIJ) established under the National Institute of Advanced Science and Technology.

With a remote calibration function over a network, it enables the user to obtain certificates of calibration from recognized operators.

■ Specifications

GPS receiver	Receives L1-C/A and SBAS signals, 12 channels (max.) Sensitivity 135 dBm or less (at the antenna input terminal)
Reference signal output	10 MHz × 8/5 MHz × 1: + 13 dBm ± 3 dB at 50Ω 1 pps out: TTL level (high impedance or 50Ω, switchable)
Frequency stability	Long-term stability: 1×10^{-13} days or less Short-term stability: 3×10^{-11} seconds or less
External interface	LAN port (100BASE): for communication with an external server RS-232C serial port: for manipulation of user settings
Power supply	90 VAC to 264 VAC (50/60 Hz) 100 W (max)
Dimensions	483 mm (W) × 88 mm (H) × 430 mm (D) EIA standard rack size

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