



GPS / GNSS / NavIC NTP Time Servers

VCL-3048: NTP Time Server, IRIG-B

- Input: • GPS / GNSS
- Outputs: • NTP • 1PPS • IRIG-B (Unmodulated BNC, RS-232, RS-485 / RS-422)
- Power Supply: • 12V DC, 24V DC, 48V DC
- Service Capacity: • Suitable for servicing up to 3000 NTP / SNTP requests per second.



VCL-2156: NTP, PRC (ITU-T G.811), IRIG-B DCLS & AM

- Inputs: • GPS / GNSS / NavIC / Galileo • 1PPS • NTP
- Outputs: • NTP • 2.048MHz • 10MHz • 1PPM/1PPH • 1PPS • 1PPS Adj
• ToD NMEA 0183 • IRIG-B (Unmodulated and Modulated)
- Power Supply: • 24V DC, 48V DC, 110-220V DC, 110-240V AC, 1+1 Redundant PSU
- Service Capacity: • Suitable for servicing up to 7500 NTP / SNTP requests per second.



VCL-2156: GigE NTP Server

- Inputs: • GPS / GNSS (1+1)
- Outputs: • 4 x Gigabit NTP (RJ45) • 1 x Gigabit PTP (RJ45)
- Power Supply: • 24V DC, 48V DC, 110-220V DC, 110-240V AC, 1+1 Redundant PSU
- Service Capacity: • Suitable for servicing up to 7500 NTP / SNTP requests per second.



VCL-2156-EXT, NTP Time Server, GPS / GNSS / NavIC, PRC (ITU-T G.811)

- Inputs: • GPS / GNSS / NavIC / Galileo • 1PPS • NTP
- Outputs: • 1PPS • 1PPS Adj • 10MHz • 2.048MHz
• IRIG-B (Modulated / Unmodulated - BNC, Unmodulated - RS232, RS485, RJ45, ST - Optical), ToD, NMEA 0183, 4 User selectable time and PPS output modules.
- Power Supply: • 24V DC, 48V DC, 110-220V DC, 110-240V AC, 50/60 Hz, 1+1 Redundant PSU
- Service Capacity: • Suitable for servicing up to 7500 NTP / SNTP requests per second.



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**VCL-2145-D / VCL-2145-DE: GPS/GNSS (1+1),
PRC (G.811), PTP, NTP, IRIG-B**



- Inputs:
- GPS / GNSS (1+1), 10MHz, 2.048MHz, 2.048Mbit/s (E1)
- Outputs:
- NTP • PTP • 1.544Mbit/s (T1) / 2.048Mbit/s (E1)
 - 2.048MHz • 1/5/10MHz • 1PPS • IPPM • IRIG-B • ToD NMEA-0183
- Power Supply:
- 24V DC, 48V DC, 110-220V DC, 110-240V AC, 1+1 Redundant PSU
- Service Capacity:
- Suitable for servicing up to 8900 NTP / SNTP requests per second.

VCL-Mega, NTP Time Server



- Inputs:
- GPS / GNSS, 1PPS
- Outputs:
- 16 x 1G/10G NTP Outputs
- Power Supply:
- 110~240VAC, 1+1 Redundant Hot-swappable PSU
- Service Capacity:
- Suitable for servicing up to 1 Million NTP / SNTP requests per second.

GPS / GNSS / NavIC

Revision 1.9, December 26, 2025

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