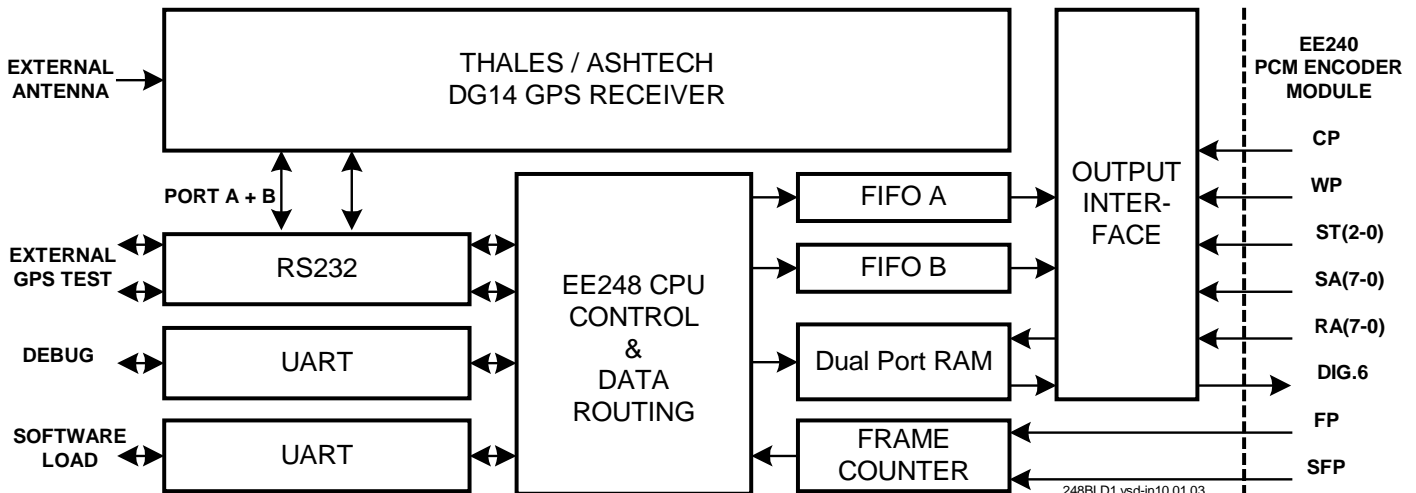


EE 240 PCM ENCODER

EE 248 GPS Receiver Module



EE240 PCM ENCODER System.

The **EE240** is a configurable **PCM Encoder** for analog and digital signal inputs. It has a modular design using plugin modules. The EE240 can be programmed with the **EE200 Format Generator** software to generate practically any type of PCM Format compatible to the **IRIG standard 106 class I**. Up to **8 independent PCM formats** may be downloaded via RS232 into the EE240 and stored. The EE240 is self-contained after programming. All input signals may be routed to any position of the PCM format, with **individual commutation rates**.

EE236 Power Module. 12 or 28 VDC.

EE237 SSR Controller Module.

EE235 Solid State Recorder with 256 MByte.

EE238 SSR Memory Module. 256-768 MByte.

EE240 PCM Encoder Module.

Optional EE878 Conditioning and Timing.

EE242 Analog Signal Conditioning Module.

32 Bridge inputs with filters.

EE243 Digital Interfaces Module.

32 On/Off and 4 frequency inputs.

EE244 Thermocouple Module.

32 inputs with filters.

EE245 Charge Amplifier Module.

32 inputs with filters.

EE246 Serial Data Packets Module.

4 RS232/422 configurable inputs.

EE247 Analog Expansion Module.

64 inputs, single-ended or differential.

EE248 GPS Receiver Module.

10 Hz GPS rx. Position and Raw data.

EE249 Ethernet Module.

2 LAN inputs for data to encoder.

EE880 Analog Filter, 32 channel.

Optional board for analog modules.

EE248 GPS Receiver Module.

- EE240 Interface Module with internal GPS Receiver. SMA input for external antenna.
- 10 Hz update rate. Standard configuration or custom rates and messages.
- 1 Hz GPS Position messages, GGA, VTG, GLL and RMC are loaded as Asynchronous Embedded Packages into the PCM Format.
- 10 Hz GPS Raw data messages, MBN, PBN, SAL and SNV are loaded as Asynchronous Embedded Packages into the PCM Format.
- The GGA message with 3D position, time and GPS status is processed and routed as clear text decimal data into fixed words of the PCM format.
- The EE248 is ideal for tracking of fast objects up to 1852 km/h and 18000 m altitude. Higher speed and altitude require individual export license.
- Dedicated message selection and processing may be included in the EE248 interface on custom basis.
- The GPS receiver is configured by the EE248 Interface at power-on. An internal backup battery gives fast repositioning after power off periods.
- The EE200 Format Generator software supports the addresses required for the EE248.
- The Eidel EE350 Telemetry Decoder can regenerate the GPS Position messages from the PCM Format to the PC COM port.

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EIDSVOLL ELECTRONICS AS

Nedre Vilberg vei 8 – N-2080 Eidsvoll – Norway
Phone:+47 6395 9700 – Fax:+47 6395 9710
E-mail: eidel@eidel.no – www.eidel.no

