

GPS Specification

CF-18 / CF-29

Manufacturer	Matsushita Communications Industry Co. (Japan)	
Model	CN-GX0290A	
Receive Frequency	1575.42 MHz	
Number of Satellites	12 satellites (12 channels, parallel trace, all in view)	
Measurement Accuracy	10meter 2dRMS (w/o selective availability)	
Warm Start Time	within 35 seconds	
Cold Start Time	within 45 seconds	
Measurement Period	1 second	
Datum	WGS-84	
Port	CF-18	internal serial port of CF-18
	CF-29	internal serial port of CF-29
Port Settings	<ul style="list-style-type: none">- 4800 bps / asynchronous- Data bits 8- Parity None- Stop bit 1	
Data Format	ASCII NMEA0183 ver. 3.0	
Power Consumption	135 mW	

Notes:

The table provides the specification for the CF-18 and CF-29 internal serial GPS module. When the device is installed, the option for "GPS" appears in the BIOS. No driver is needed for this device.

CF-18 Specific Information: If GPS is present on CF-18, then serial port A will not be available on the port replicator or dock. GPS and Infrared cannot exist simultaneously.

Document History:

11/13/03 – Document Created