

The GX family of products starts with the GXM-T14 or GXM-T24 Radio. These devices are rated at 3.3-5VDC and are aimed at OEM markets. The only difference between these two radios is the interface connector. The GXM-T14 has a 14-pin interface connector, while the GXM-T24 has a 24-pin interface connector. The 14-pin connector provides Power and TTL data connections (in an RS-232 format) to the radio. The 24-pin and adds a diagnostic port and other control lines.



GXM-14 Top and Bottom (14-pin interface connector, 3.3-5VDC)



GXM-24 Top and Bottom (24-pin interface connector, 3.3-5VDC)

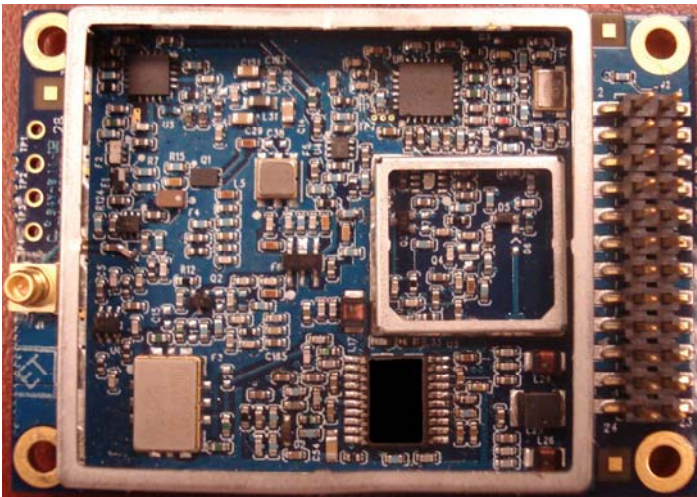
The GX-C and GX-T are board level devices that utilize a 6-30VDC input and have (on the GX-C) an RS-232/ RS-422/RS-485 switchable interface, or (on the GX-T) a TTL interface. The two devices consist of the GXM-T24 and a “full size” interface board (136mm L x 62mmW). The footprint matches previous FreeWave radio footprints for customers wanting to replace legacy products with this new generation of products.



GX-C Top & Bottom (RS-232/422/485, 6-30VDC)



GX-T Top & Bottom (TTL, 6-30VDC)

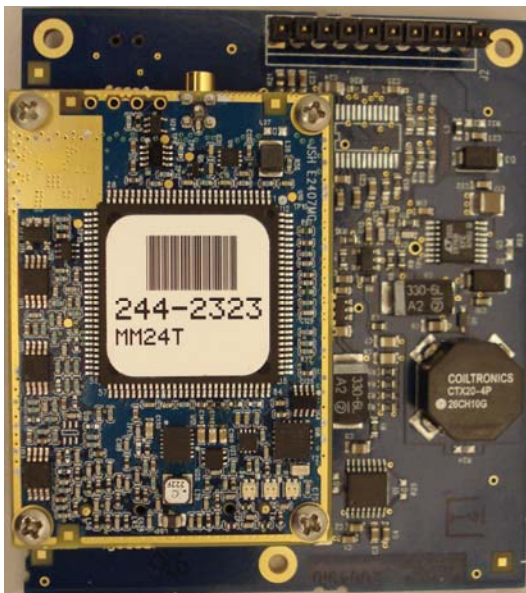


GXM module with RF Shield removed.

The GXM-MR-R and GXM-MR-T are very similar to the GX-C and GX-T in that they incorporate the use of an interface board. This interface is a ½ size board, however. (73mm L x 62mm W) The GXM-MR radios utilize a 6-30VDC input and allow a TTL data interface on the GX-MR-T. The GX-MR-R is limited to an RS-232 interface instead of the “combined” option of the GX-C. The MR interface boards mate to the GXM-T14 to create the GXM-MR-R and GXM-MR-T.



GXM-MR-R Top and Bottom (RS-232, 6-30VDC)



GXM-MR-T Top & Bottom (TTL, 6-30VDC)

The GXCP device consists of a GX-T mated to a FreeWave Cathodic Protection daughter board. The Cathodic Protection board is utilized by customers who need to monitor information dealing with pipe corrosion and other issues.

