

Product Change Notice

NanoCom AX100-U / AX100-UL Lifetime Extension

Dear Valued Customer

We are delighted to inform you that GomSpace has decided to extend the life of NanoCom AX100-U and AX100-UL, with the products now again available for sale.

Sales Part	Description
200317	NanoCom AX100-UL
200315	NanoCom AX100-U

Please note that this lifetime extension includes **only support for Mode 5 framing mode**, with the removal of support for other framing modes that were previously not recommended for use.

Mode	Advantages	Disadvantages	Supported
1 RAW	Testing only	No data	No
2 ASM	Good Sync	Corrupt length	No
3 HDLC	Standard	Bad Sync	No
4 Viterbi	Best sensitivity	Bad Sync, lower bitrate	No
5 GOLAY	Good sync, Good Length	Not as sensitive as Viterbi	Yes
6 AX.25	Standard	Sync errors, no FEC	No

This Product Change Notice supersedes the Product Phase Out notices for AX100-U and AX100-UL dated 10/01/2023.

Your attention is drawn to the supplementary regulatory considerations overleaf.

Please contact your GomSpace sales representative if you have any enquiries regarding this Product Change Notice.

Russell Gallant

Commercial Product Manager



Regulatory considerations

GomSpace is unable to answer specific questions on regulatory approvals, customers should direct any regulatory questions to their local regulatory body.

AX100 is usually used in systems that require a frequency license from a local telecom regulator.

AX-100 UL

Depending on end user application and band used, there may be regulatory EIRP restrictions applied to the ground segment which might compromise the link budget for the uplink when using an AX100 in a spacecraft. These restrictions also have a sunset date for systems that were in operation before the restrictions came into force.

- Until 22 November 2029, these limits shall not apply to satellite systems for which complete notification information has been received by the Radiocommunication Bureau by 22 November 2019 and that have been brought into use by that date. In this case customers can add AX100s to existing systems.
- After 22 November 2029, these limits shall apply to all systems within the meteorological-satellite service and the Earth exploration-satellite service operating in this frequency band. (WRC-19)

AX-100 U

Customers should also take into account several additional regulatory obligations and restrictions particularly when used as an Amateur-satellite service (ARS) which is licensed as a NON-commercial service.