

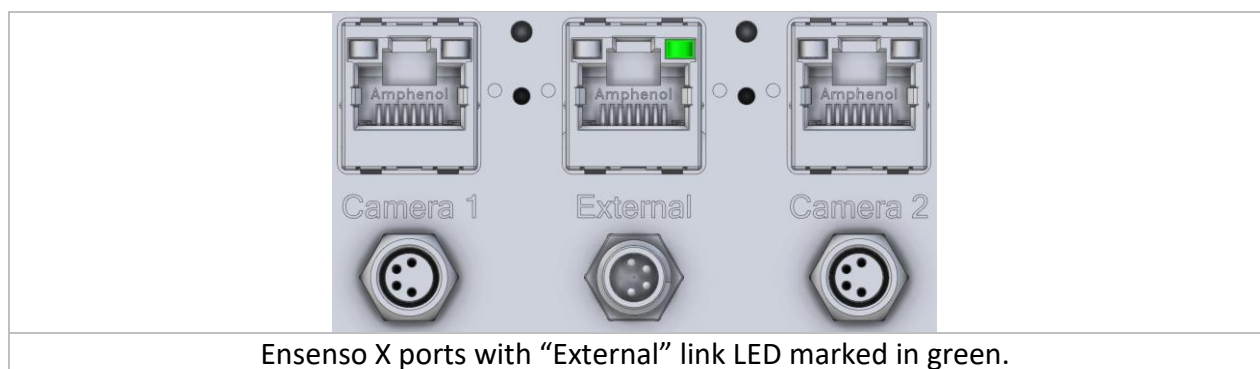
Ensenso X product change: Upgrade to 2.5GBit uplink speed

Affected Products and Changes:	All Ensenso X models
Type of Product Change:	Electrical & Firmware Specification Change
Document Version:	1.0
Document Release Date:	2022-04-08
Date of change (prelim.):	2022-11-01

Reasons and overview of the product change

The Ensenso X uplink Ethernet port (“External” RJ45 port of projector module) will be upgraded from 1GBit to 2.5GBit link speed support. This reduces transfer times of raw stereo image pairs to the host PC if connected via CAT5e cabling to an interface supporting 2.5GBASE-T. Depending on parametrization, this subsequently improves the 3D data rate. Please note:

- 100Mbit link speed operation will no longer be supported.
- Upgrade of firmware to device application version 30 and bootloader version 13 (bootloader will not work with earlier device application versions).
- The new firmware is fully compatible with existing EnsensoSDK versions.
- Upcoming EnsensoSDK versions will include it and may suggest an (optional) upgrade.
- Besides function of the projector port no changes in form and fit of the Ensenso X cameras.
- How to recognize: On power-on the “External” port link LED will light up green for 5 sec for the 2.5GBit port (even without plugged cable).



Recommended actions for customers

Please make sure your setups operate with min. 1GBit link speed.