Luminex
NETWORK INTELLIGENCE

GigaCore
ETHERNET SWITCHES

RELEASE NOTES

VERSION 1.2.1

Related products: GigaCore 10i, 16i, 30i, 16t, 18t, 20t

MADE IN BELGIUM

DOCUMENT INFORMATION

With the release of Firmware 1.2.0, Luminex introduces support for new variants in the Gigacore range as well as a number of improvements and bug fixes.

FEATURES:

- WebUI support for the following new variants in the Gigacore range: Gigacore 16t, GigaCore 18t and GigaCore 20t. **[Fig 1]**

fig. 1

- LCD display support for the GigaCore 20t.

The front panel display on GigaCore 20t allows you to change settings quickly in the field. Groups (VLAN) to ports assignments for example, can be set with just a few presses of the jog dial **[Fig 2]**, Status overview and per port status and traffic are easily monitored **[Fig 2a]** and port settings can conveniently be changed by pressing and holding the jog button to access the port settings menu. **[Fig 2b]**
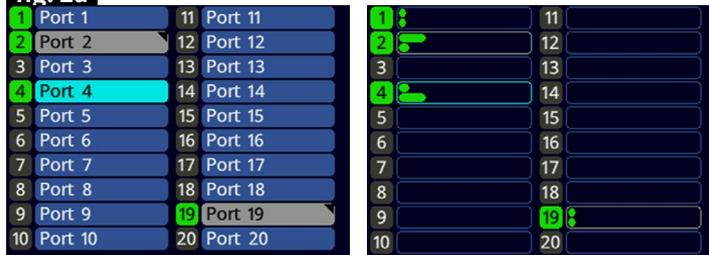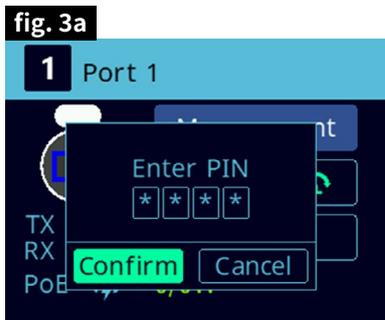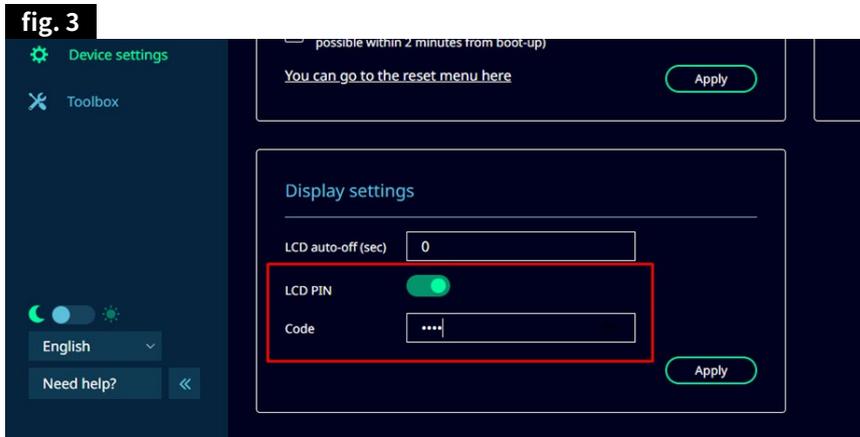
fig. 2

fig. 2a

fig. 2b

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- The LCD display of the GigaCore 20t can also be protected by a pin code chosen and configured by the user and set up in the WebUI. **[Fig 3, Fig 3a]**

fig. 3

fig. 3a

- An API command has been added to enable/disable LLDP per port.
  - This makes it possible to make your network port completely silent for some applications / use cases. Or to reject any received LLDP information.

PRODUCT IMPROVEMENTS:

- E-ink icons have now been resized for clarity and improved legibility.
- Hover-over tooltips have been added to the groups/trunks page in the WebUI to provide more info on the groups VLAN ID and the groups assigned in that particular Trunk. **[Fig 4, Fig 5]**
- Additional Hover-over tooltips have been added to the Status page to indicate and clarify the AVB and PTPv2 symbols. **[Fig 6]**
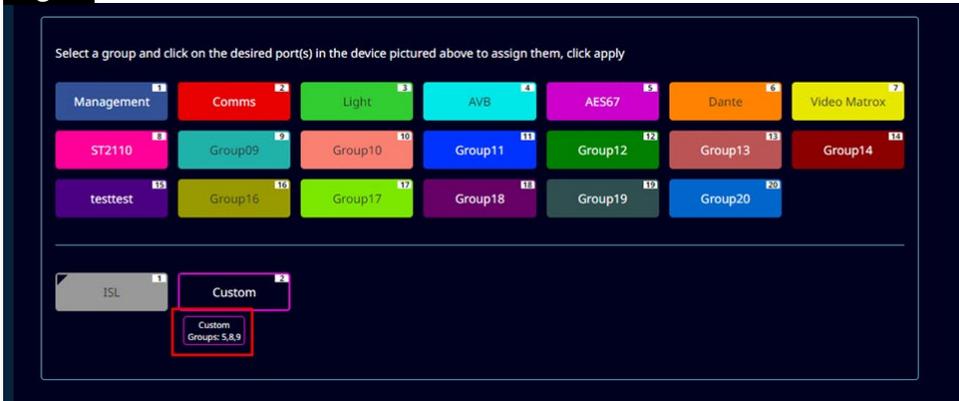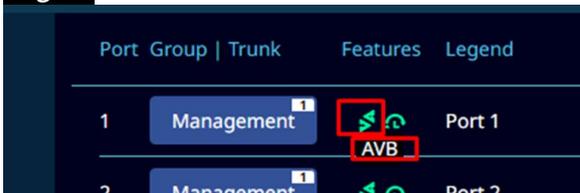

fig. 4

fig. 5

fig. 6

BUG FIXES:

- An issue was resolved where AVB streams could accidentally be interrupted when plugging in additional devices on different ports triggering a remapping of priorities on those ports with AVB traffic.
- A bug was fixed where the reported CPU load would increase to almost 100% with broadcast traffic.
- A bug was corrected where a non-querier-GigaCore 30i would sometimes drop its router ports upon a topology change in the network.
- An issue was resolved where a custom trunk could not be removed after the user had deleted all groups from that custom trunk.
- Switch uptime reporting in Araneo is now displayed correctly in Araneo.
- Hovering over the trunk in the status page of the WebUI, now displays the groups belonging to that trunk in the correct order.
- The reserved power indication for the PoE budget is now displayed correctly and consistent with the indication in Araneo.
- A bug was fixed where a trunk colour and name were incorrectly displayed in Araneo after deployment of a configuration created offline with Araneo.