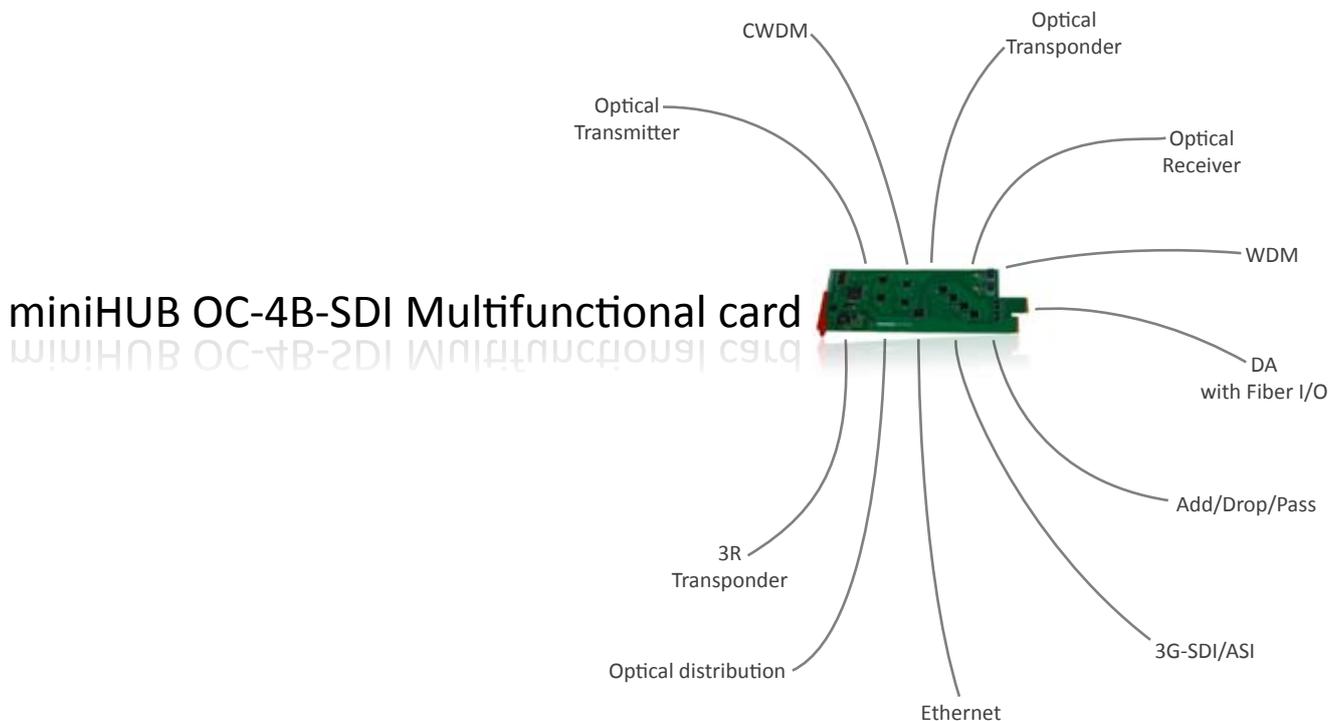


miniHUBTM

Optical distribution as you desire!



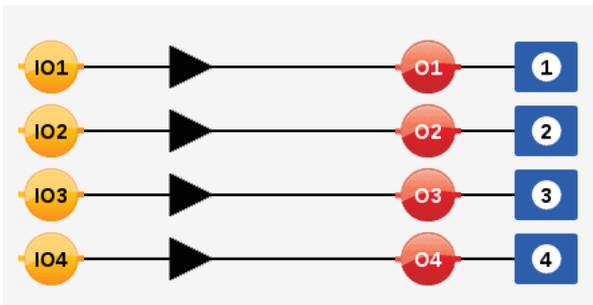
Format flexible
Application flexible
Lower cost of ownership

Optical distribution as desired!

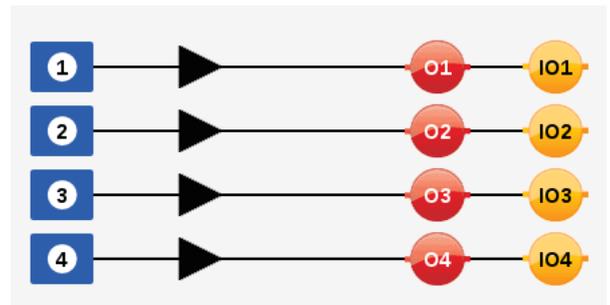
The Norwia miniHUB is a highly versatile one card solution that adapts to the SFP that are inserted. Its that easy when it comes to configuring the OC-4B-SDI!

You can use single channel SFP's, dual channel SFP's, up to a capacity of 2 SFP's per OC-4B-SDI card. That's 4 optical channels per card in any combination.

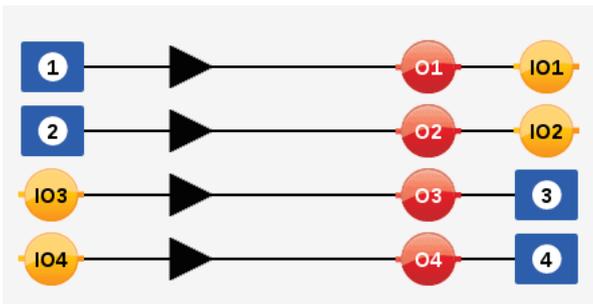
Here is just 5 of the many configuration that are achievable with the miniHUB OC-4B-SDI one card solution.



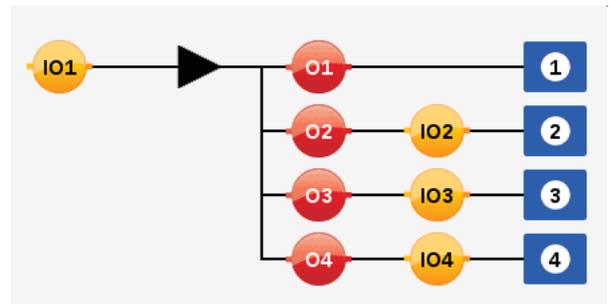
Using 2 x dual Transmitter SFP in link mode



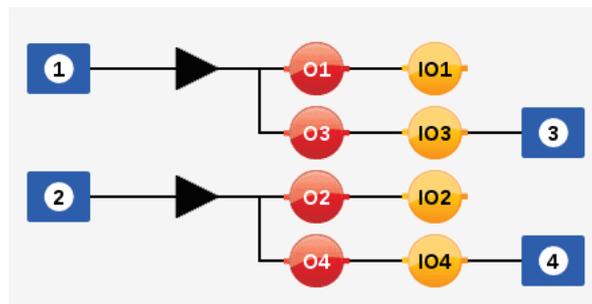
Using 2 x dual Receivers SFP in link mode



Using 2 x dual Transceivers SFP in link mode



Using 2 x dual Transmitter SFP in distribution mode



Using 2 x dual Tranceiver SFP in distribution mode



Optical channel 1 (SFP)
Left justified = Receive
Right Justified = Transmit



BNC Flexi I/O
Left justified = Input
Right Justified = Output



BNC Output

What's New!

Norwia has added to the incredible functionality of the miniHUB with the announcement of Ethernet and Intelligent Add/Drop/Pass functionality. This is the only Format flexible, Application flexible optical distribution product on the market.

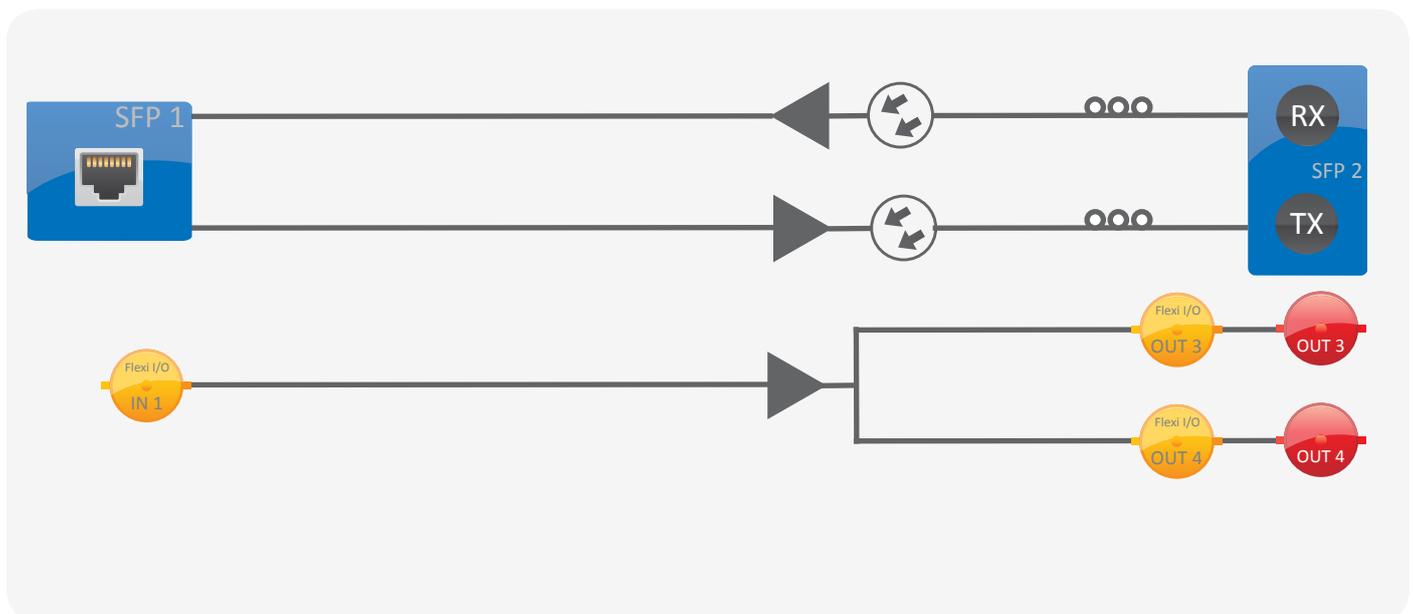
If you need an optical distribution system?, then you should look no further because the miniHUB's next generation system will fulfill your optical distribution needs.

Gigabit Ethernet

The OC-4B-SDI now has the capability of accepting Gigabit ethernet and optically transponding over a fiber optical network. The easy configuration method is driven by Norwia's Auto SFP technology to make this a true plug and play device. You can now use the OC-4B-SDI for Ethernet one day and reconfigure for 3G-SDI the next, simple and easy. The format and optical SFP's are available as a matched pair at a very competitive price.



Gigabit Ethernet + 3G-SDI DA



Passive optics

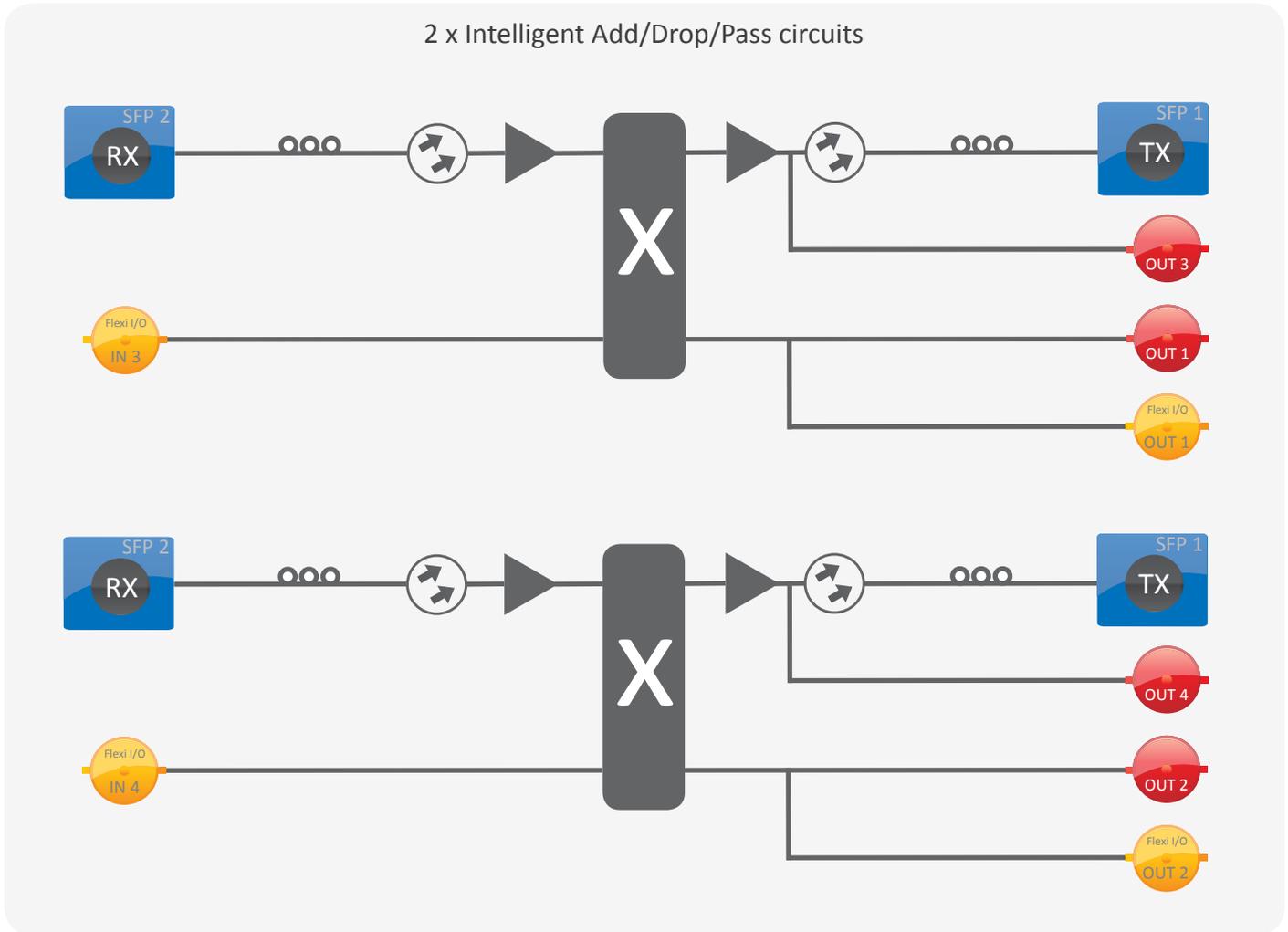
A full range of passive optical devices are now available for the miniHUB system to enhance the application power of the one-card solution. This includes the following devices.

- 8 channel and 16 channel CWDM
- 1,2,3 pack WDM filters
- 2 pack optical splitter - 4 way
- 3 pack optical splitter - 2 way



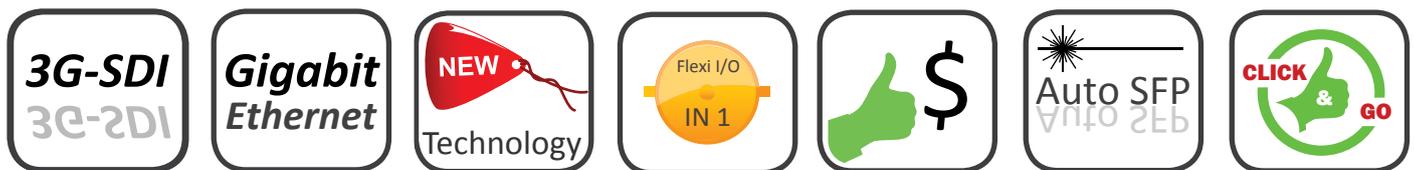
Intelligent Add/Drop/Pass

The OC-4B-SDI, the one-card solution has received an upgrade with intelligent add/drop/pass functionality. In line with the no configuration theory behind the concept of the miniHUB platform the OC-4B-SDI will incorporate single and dual add/drop/pass circuits per OC-4B-SDI.



The auto nature of the add/drop/pass will allow an user to add a coax signal just by plugging in the cable, thus adding the signal to the fiber while dropping of the signal that was originally on the fiber optic cable to multiple coax connectors.

This makes setting up for a ring structure very easy or allows for auto selection on the tailgate of a truck to choose either coax or fiber depending on the run length, and then feed the signal directly to the routing system of the truck.



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