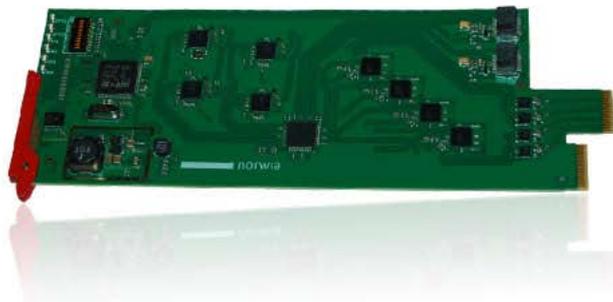


Optical/Electrical distribution card  
for the miniHUB™ system  
OC-4B-SDI



Format flexible  
Application flexible  
Lower cost of ownership

giving value ...

# The facts

The OC-4B-SDI is a next generation optical based distribution card that can perform many functions on a single card. This card gives the user many different scenarios that can be automatically accessed simply by plugging in an SFP and flicking a DIP switch. It's so easy!



**Flexi I/O<sup>TM</sup>** is the next generation technology that brings flexibility to the user. Whenever you see this icon you will know that this BNC can act as either a input or output depending on the determined configuration. This gives better use of BNC resources and provides the OC-4B-SDI its Chameleon like features.



**SFP** based designs were used to give the product user changeable modules. These can be changed on the fly to give combinations of RX/RX, RX/TX, TX/TX or single channel functionality, or you can further upgrade to CWDM technology to give greater fiber density. The choice is yours!  
Once you change to a different SFP, the card will auto configure the Flexi I/O to its pre-determined configuration. That's smart!



**3G-SDI** has been chosen as the standard format because of its backwards compatibility with all SDI formats. In todays economics it better to be prepared for the future while keeping your infrastructure ready as the investment cost of 3Gbps is very close to that of 1.5Gbps.



**Gigabit Ethernet** is now enabled on the OC-4B-SDI. The same card that distribute SDI, ASI and many other non standard formats can now take Ethernet over fiber as well. This is truly a format flexible, application flexible platform.



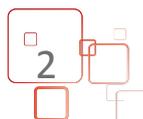
**Format Flexible.** The OC-4B-SDI can interface many different varieties of SFP's, making it the most flexible 1 card solution on the market today. Analogue Video encoding to fiber, Analogue Video decoding from Fiber, HDMI output for monitoring on lost cost PC monitors plus MAD1 and DVB-ASI.



**Priced aggressively** from the start, but gives greater return on investment than normal due to its versatility and flexibility of use in multiple scenarios or its upgradability to CWDM when your business grows.



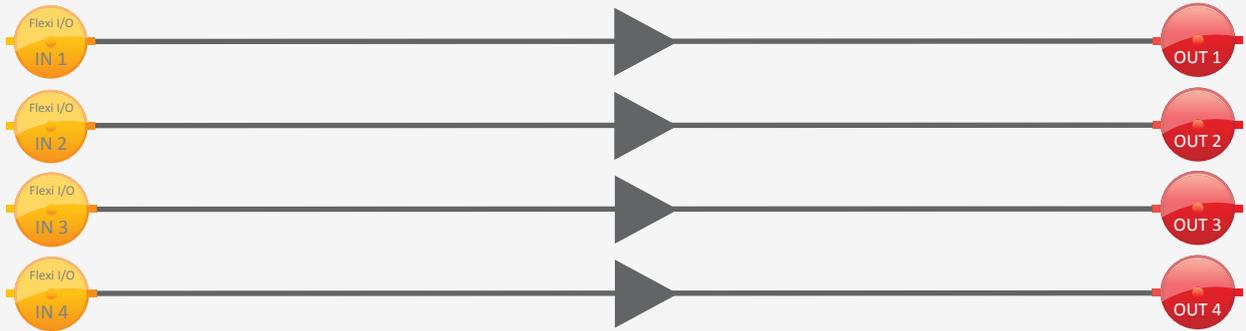
**Latest Technology** is used to provide the user the best of breed products with innovative ideas. Why settle on old products when you can afford the newest at a great price.



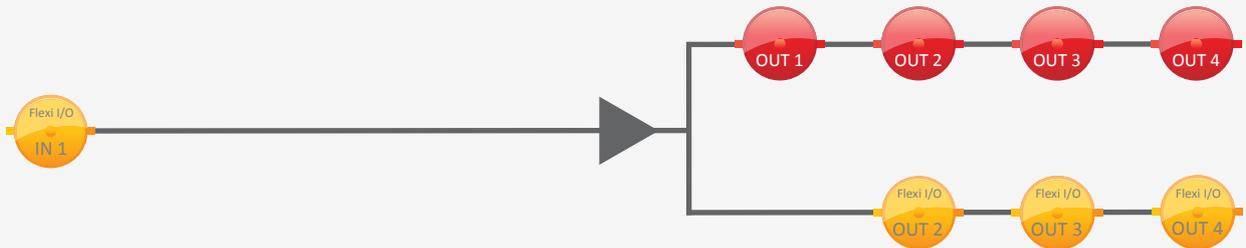
As we like to say, giving value

# DA/Refresh

3G-SDI coax refresh >100 Meter x 4



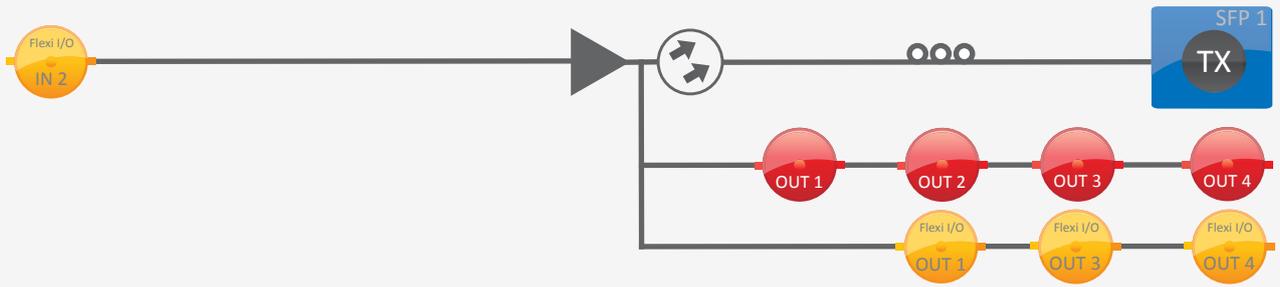
Distribution amplifier 1 to 7



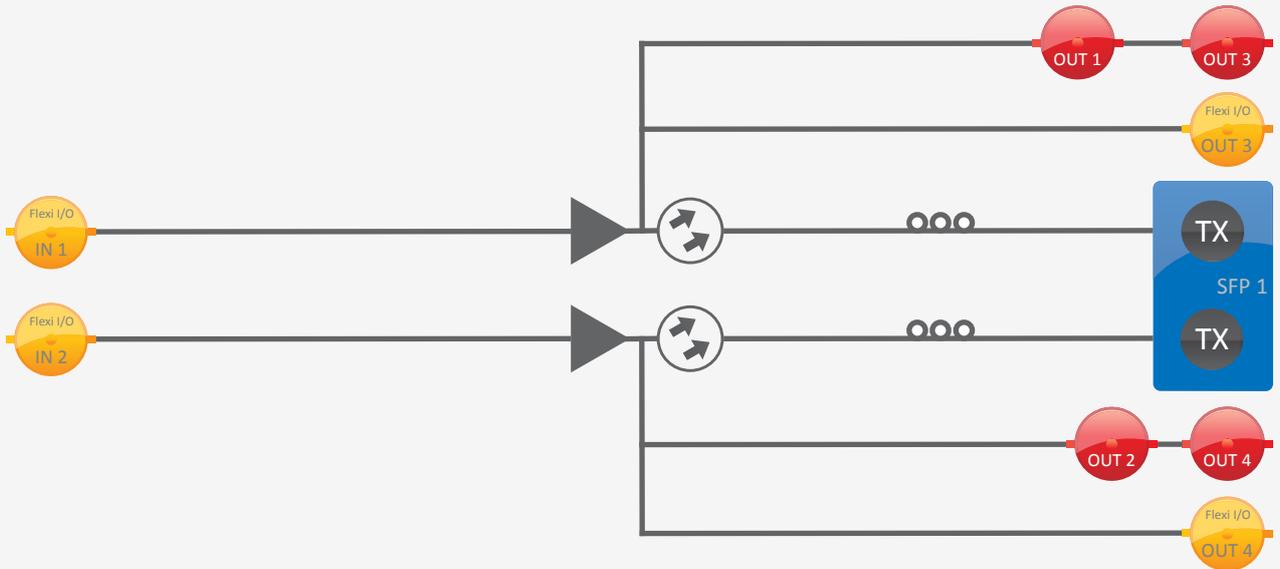
Upgradable in seconds

# Transmit

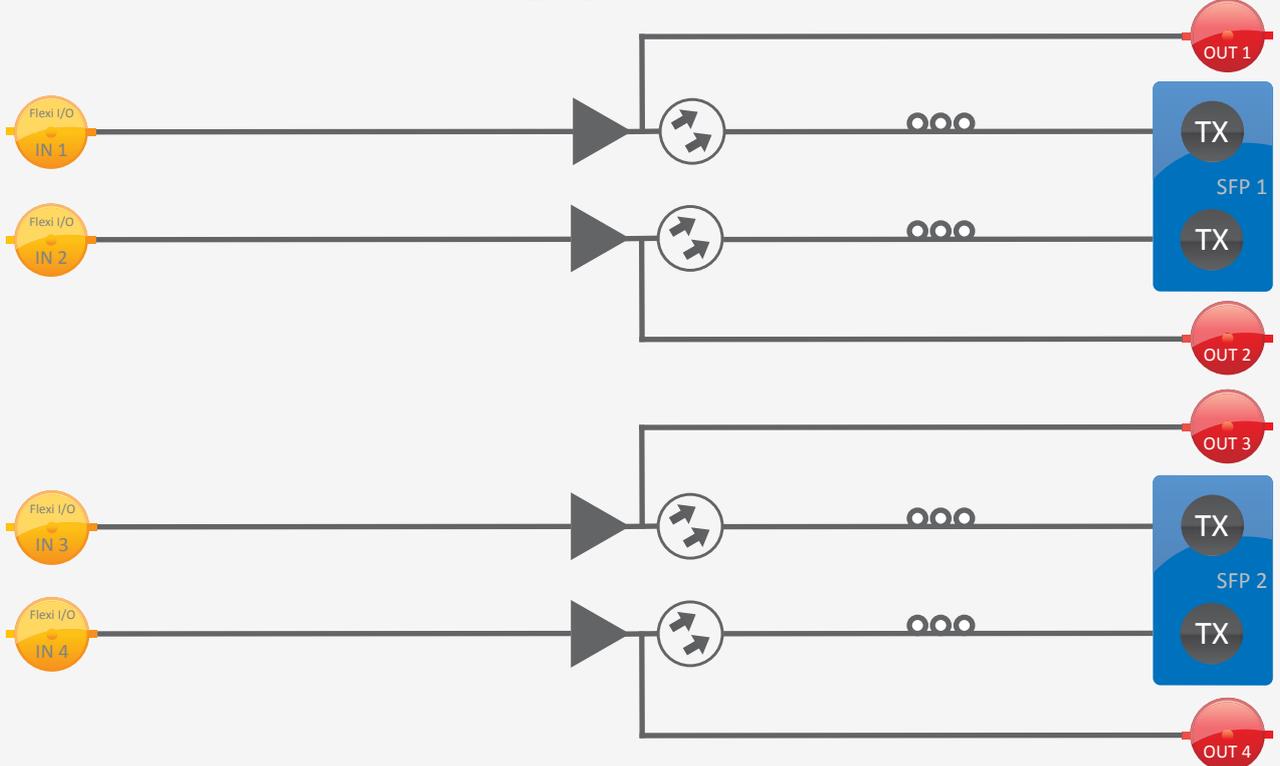
1 x Single TX SFP with 7 outputs



1 x Dual TX SFP

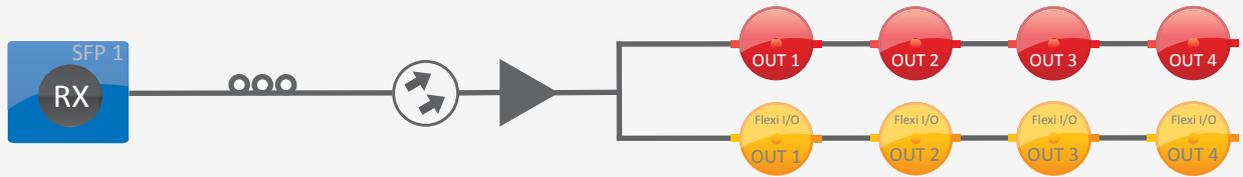


2 x Dual TX SFP

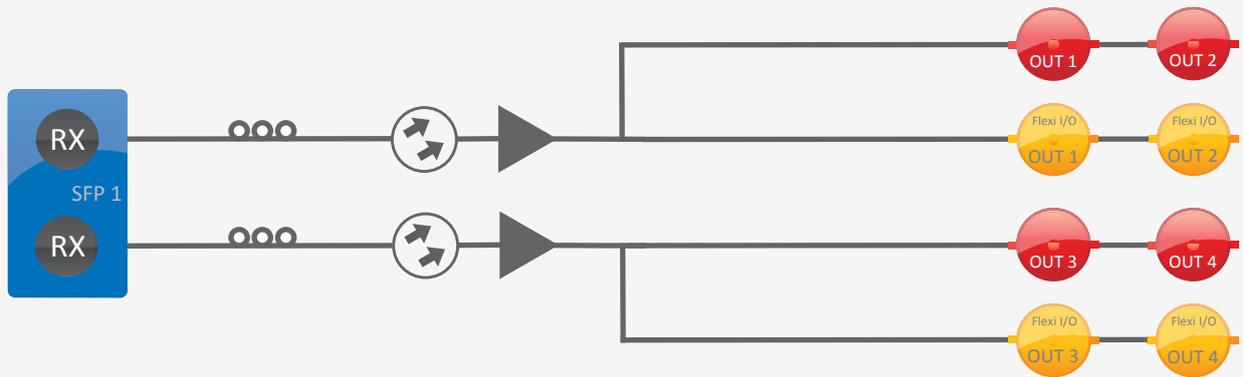


# Receive

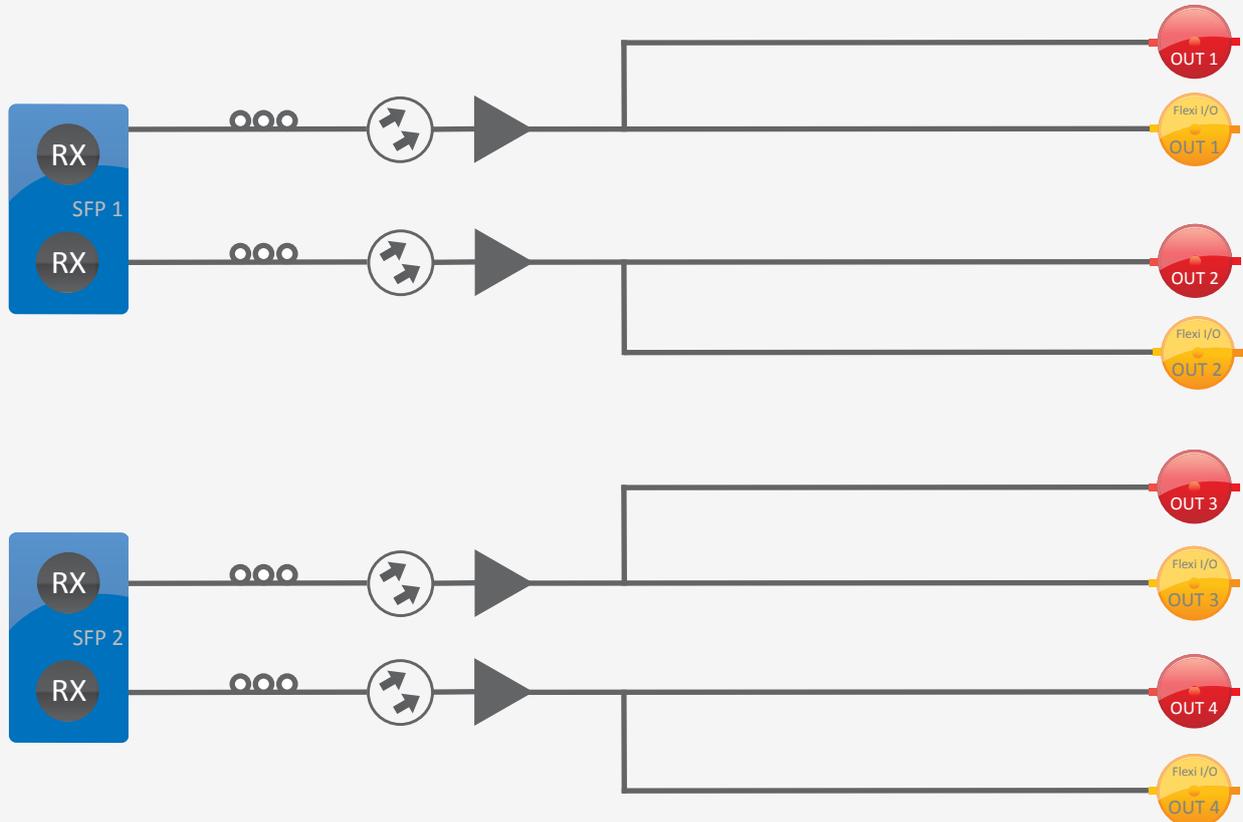
1 x Single RX SFP with 8 outputs



1 x Dual RX SFP with quad outputs

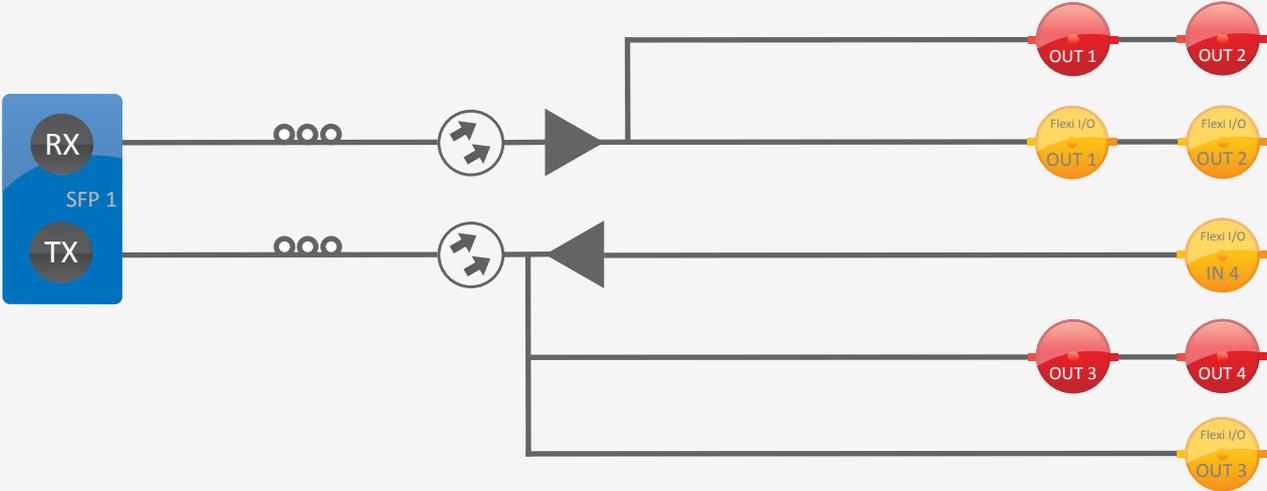


2 x Dual RX SFP with dual outputs

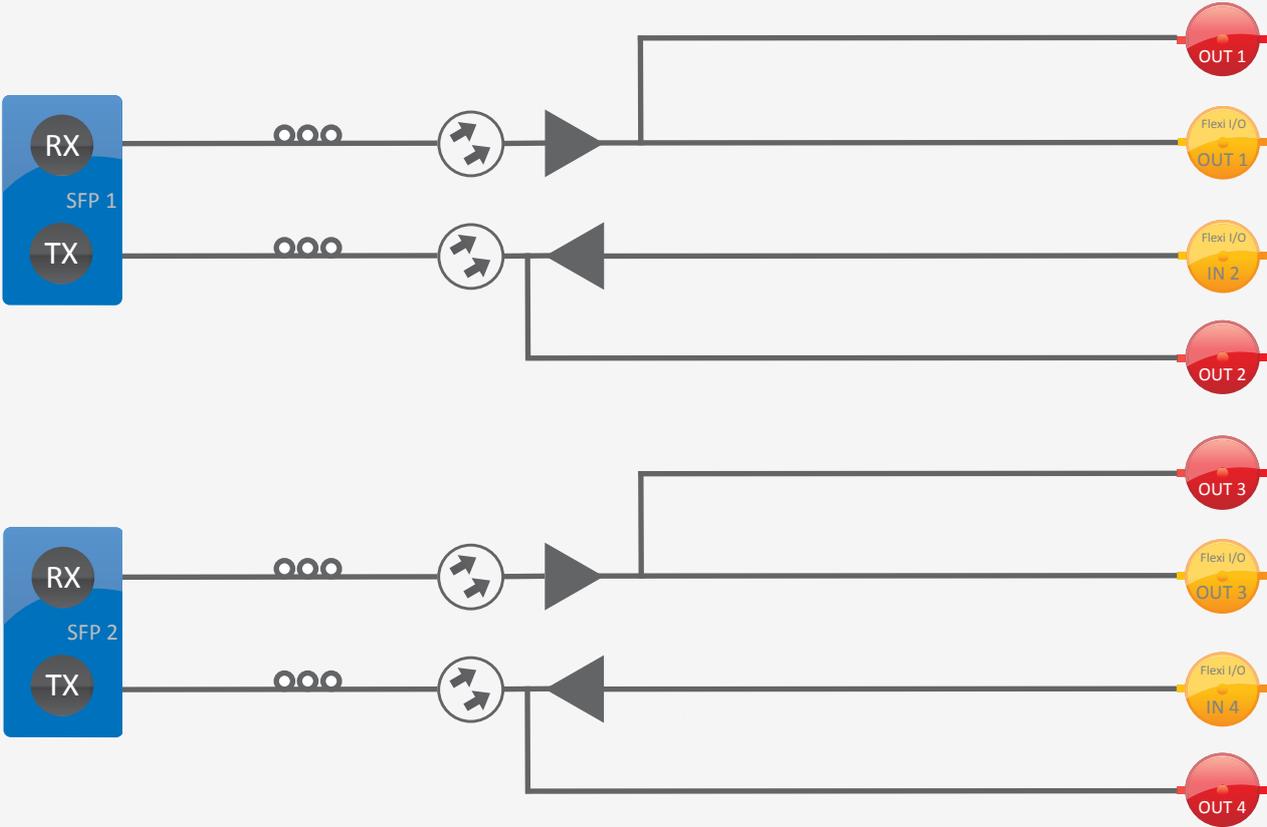


# Transceiver

1 x Transceivers SFP



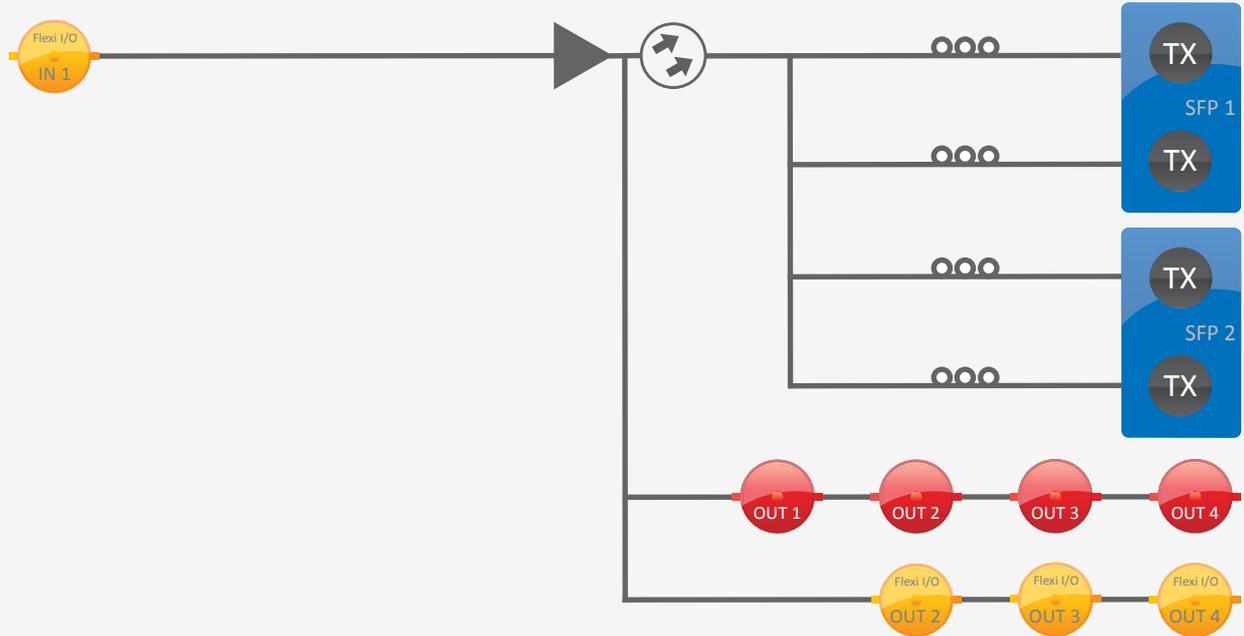
2 x Transceivers SFP



One card for all your solutions

# Optical distribution

Optical distribution including distribution amplifier



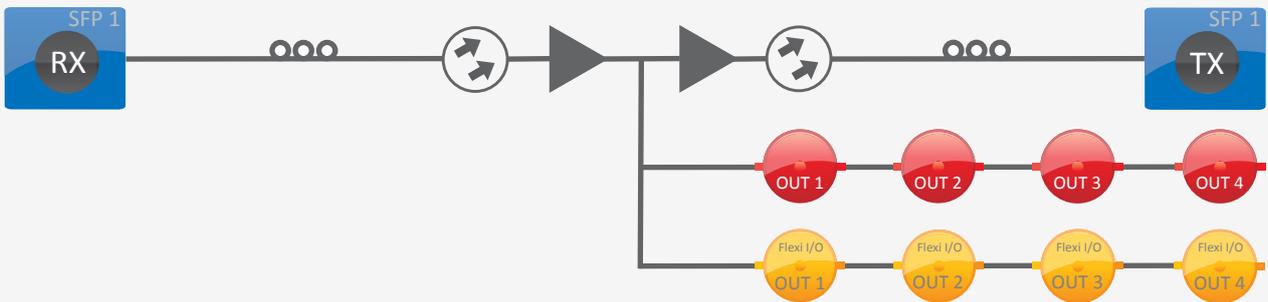
Flexi I/O™ technology gives you flexibility and choice



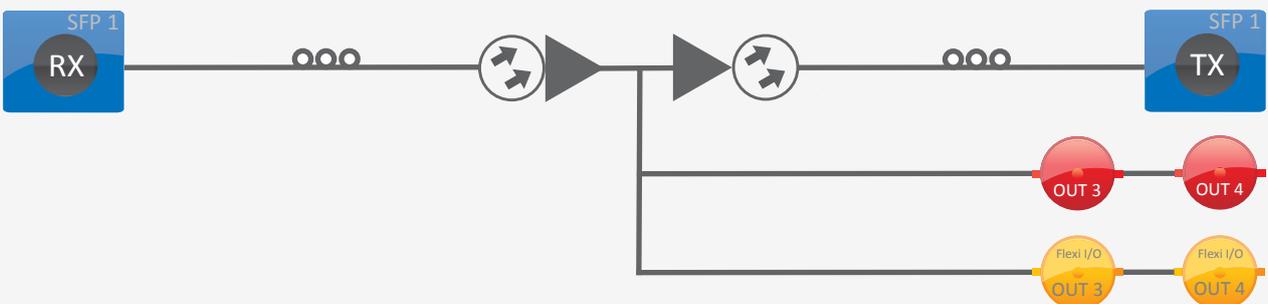
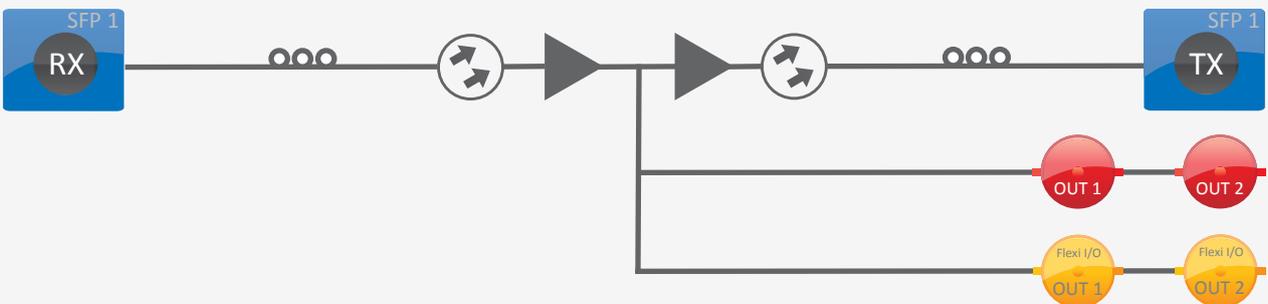
[norwia.no](http://norwia.no)

# Transponder

1 x Transceiver SFP with Optical convertor and 8 x DA outputs



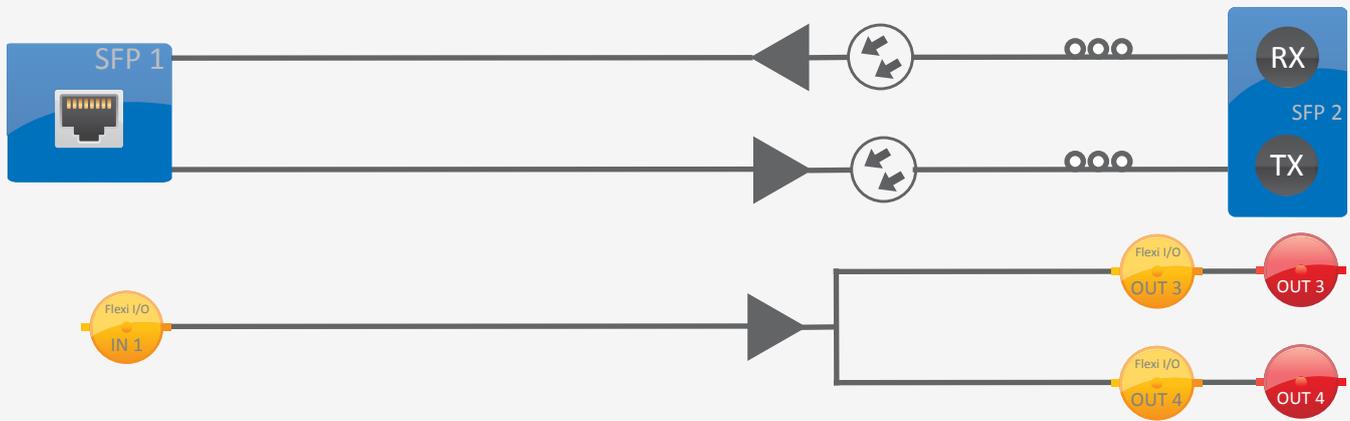
2 x Transceiver SFP with Optical convertor, each with 4 x DA output



Auto SFP configuration for peace of mind

# Ethernet

Gigabit Ethernet + 3G-SDI DA



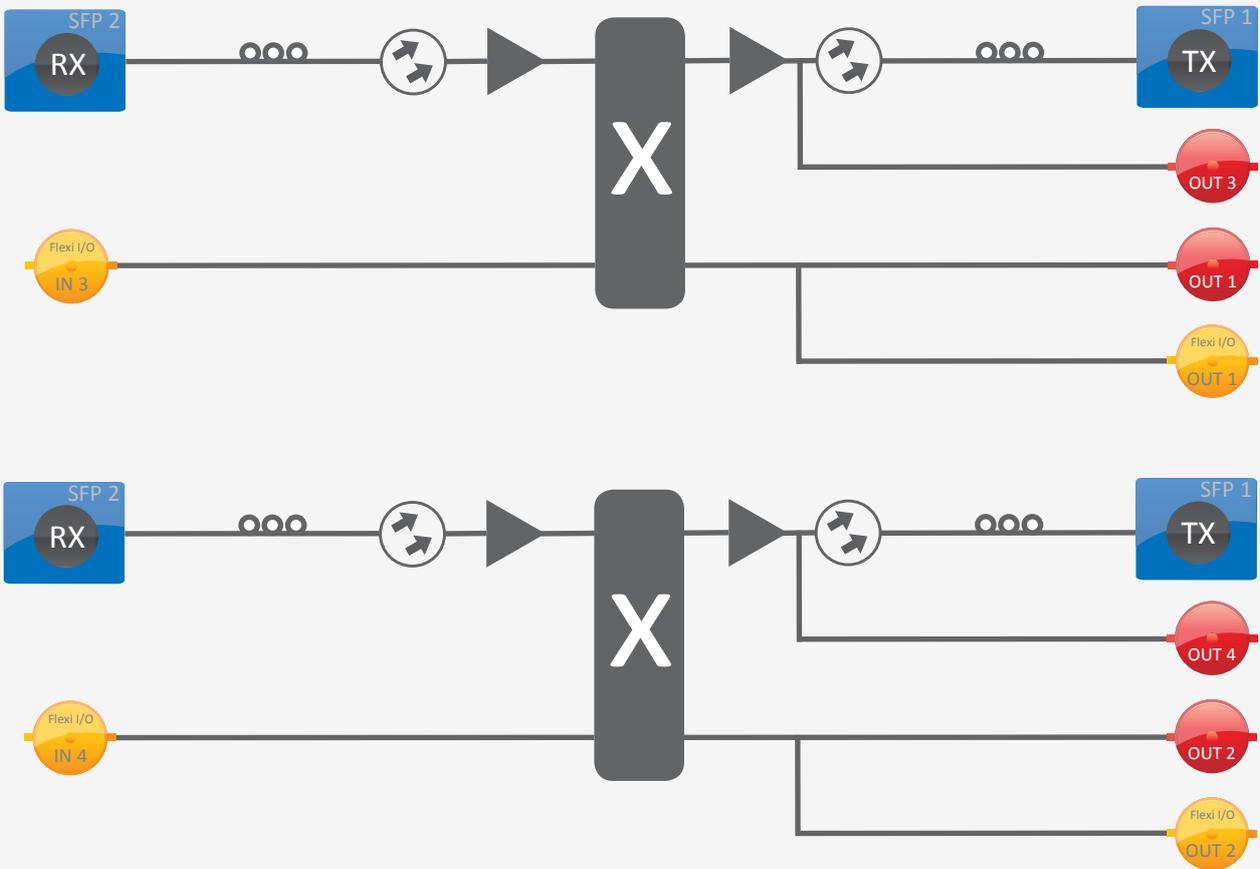
Format Flexible



[norwia.no](http://norwia.no)

# Intelligent Add/Drop/Pass

2 x Intelligent Add/Drop/Pass circuits



Application Flexible

# Format flexible

The OC-4B-SDI can interface many different varieties of SFP's, making it the most flexible 1 card solution on the market today. Analogue Video encoding to fiber, Analogue Video decoding from Fiber, HDMI output for monitoring on lost cost PC monitors plus MADI, DVB-ASI. With the new EX-8B-422 you can also add RS422 and GPIO into the standard OC-4B-SDI for distribution over fiber.

## 3G-SDI, HD-SDI, SD-SDI

## Analogue Video

## HDMI out

## DVB-ASI

## Ethernet (Gbit)

## MADI

## RS422

## GPIO

Flexibility beyond your imagination



Norwia is a fresh breath of air and unlike all other predecessors will bring innovation and cutting edge thinking to the broadcast optical distribution domain.

***Competitive technology edge***

***Key industry personnel with the right stuff!***

***Better business philosophies***

***Customer centric ideologies***

These are our core fundamental and together this forms the value statement, giving value!



## Vision statement

Norwia will be the best for Optical Distribution products in the sense of technical innovation, value for investment and customer relations.

giving value ...

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