



ntd
offshore

Delta Plex

NTD Offshore is proud to announce the launch of the DELTAPLEX System (Δ Plex). The Δ Plex System is a new rugged and cost effective duplex data acquisition system and the latest installment in our range of offshoreshelves offshore equipment.

The Δ Plex System features a redundant fiber-optic network which allows data to flow even with damage to one of the two dedicated fibers.

NTD Offshore focuses on producing practical and cost effective upgrades for subsea equipment.

We specialize in providing existing equipment with extensive

data transfer capacities and control functions for work class ROV's, underwater mining equipment, trenchers and other subsea installations.

The Δ Plex System is easily expanded, highly customizable and can be programmed to fulfil the needs in a complex and rapidly changing industry.

For more information please contact us at:
marketing@ntd-offshore.com

Example of data-flow

Below can be seen an example of a data-flow customization scenario, to demonstrate that The system is easy to upgrade.

An example:

- 8 of fiber Ethernet 1 GB connections, 10 GB are available as an option,
- or
- 8 video connections with RS232 for control and 4 off fiber Ethernet 1 GB connections, 10 GB are available as an option.



Specification Topside example

Housing 19" Rack 3HE, Plugs in front to connect to the in and out functions.

Power input	110 - 240 V ac 47-63 Hz 6A
Fiber optic single mode	9/125
MUX/DEMUX 16 stk.	1310 nm. - 1610 nm. / 1 mix.
Voltage Output	5 Vdc 7,7 A
	12 Vdc 7,7 A
	24 Vdc 14,6 A
	48 Vdc 7,3 A
Ethernet RJ45 1 GB	x 2
RS 232 9600 BAUD	X 2
Video coax 75 Ω to HDMI	X 3
Digital IN	X 8
Digital OUT	X 8
Analogue IN	X 4
Analogue OUT	X 4

Specification Subsea example

Pressure Vessel in Anodized Aluminum EN AW 6082 T6 or Super Duplex Steel EN 1.4410.

Dimensions Anodized Aluminum EN AW 6082 T6:

(L*D) 500mm* 230mm. Depth rating 4000m

Dimensions Super Duplex:

(L*D) 470 mm* 200 mm. weight in air 41 kg. Weight in water 27 kg. Depth rating 4000m

Power input	85- 240 V ac 47-63 Hz 6A
Fiber optic single mode	9/125
DEMUX/MUX 16 stk.	1310 nm. - 1610 nm. / 1 mix.
Voltage Output	5 Vdc 7,7 A
	12 Vdc 7,7 A
	24 Vdc 14,6 A
	48 Vdc 7,3 A
Ethernet RJ45 1 GB	x 2
RS 232 9600 BAUD	X 2
Video coax 75 Ω to HDMI	X 3
Digital IN	X 8
Digital OUT	X 8
Analogue IN	X 4
Analogue OUT	X 4

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