

DTA-4100... Ready for Action!

High-Frequency & High Channel-Count Sonar/Acoustic System

DTA-4100
in 19" Rack-Mount Package



DTA-1000

(1U) Server for Processing, Recording & Playback and Display

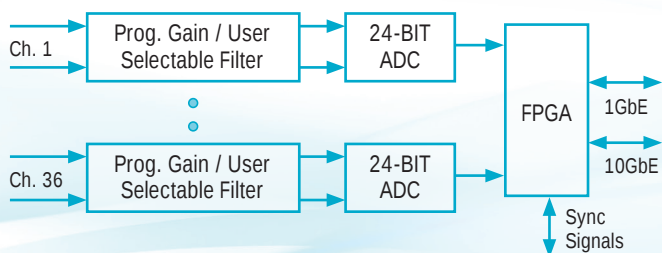


10 GbE Fiber Capable of Moving Data over Long Distances

Applications

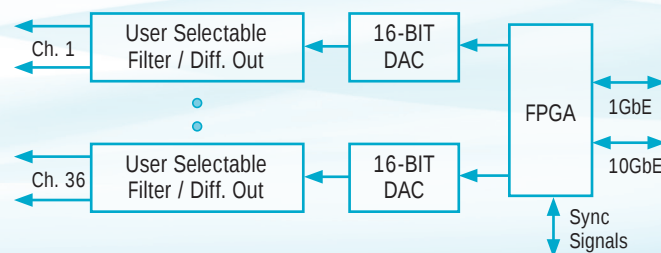
- Mine Sonar, Dipping sonar, Obstacle Avoidance Sonar, Shallow Water Sonar, ASW Sonar
- Oversampling beamforming
- Ultrasound
- Non-Destructive Test
- Sonar / Acoustic Stimulator
- Digital Audio
- Vibration Analysis...

DTA-4100 Receive Sub-System



- 36 Differential Inputs with Signal Conditioning
- 24-Bit, 2.5 MHz Sigma-Delta ADCs that offer over 100 dB SNR
- Multiple DTA-4100R Units can be stacked to increase channel count
- 10 GbE Optical Link allows full bandwidth operation

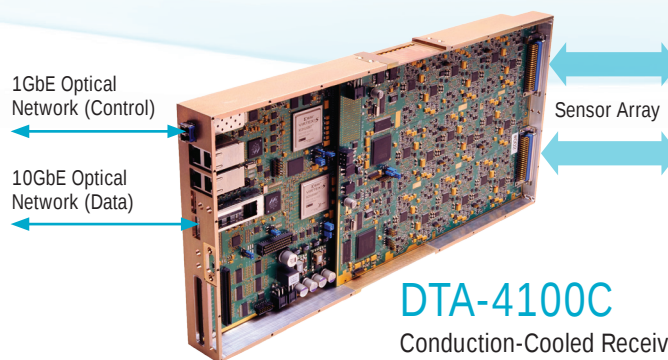
DTA-4100 Transmit Sub-System



- 36 Differential Outputs with Signal Conditioning
- 16-Bit, 50 MHz DACs that offer over 80 dB SNR
- Multiple DTA-4100T Units can be stacked to increase channel count
- 10 GbE Optical Link allows full bandwidth operation

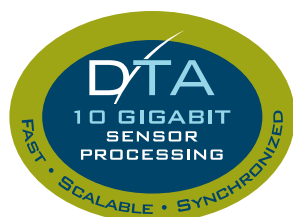
Compact and conduction-cooled DTA-4100 can be placed close to the sensors. 10 GbE Optical fibers can carry high-bandwidth data over long distances for processing & display. DTA-4100 plugs into the D-TA's 10 Gigabit Sensor Processing infrastructure that includes multi-core server processing and real-time record and playback.

[Download Tech Notes TN-22 & TN-23](#)



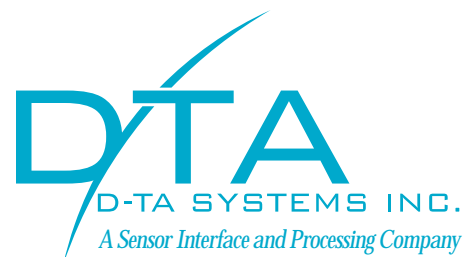
DTA-4100C

Conduction-Cooled Receive / Transmit Sub-System [8.25" (W) x 18.25" (L) x 1.6" (H)]



Download product catalog

www.d-ta.com
sales@d-ta.com 1-877-382-3222



sensor processors that drastically reduce deployment time and cost

