

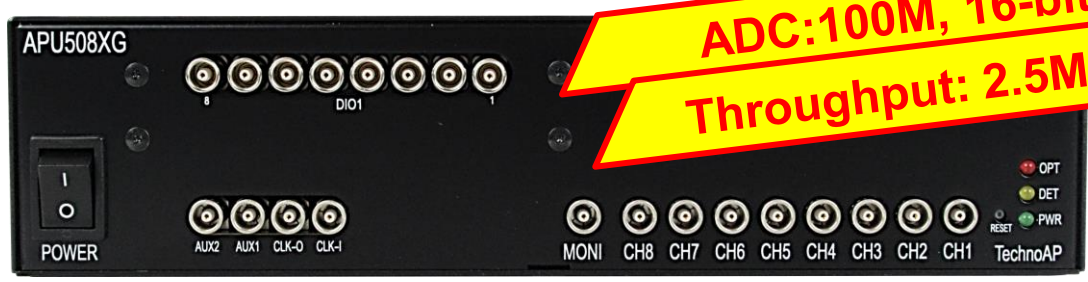
DSP for high-precision spectroscopy

TechnoAP

8ch. Input

Transfer up to 10 Gbps

APU508XG



ADC: 100M, 16-bit
Throughput: 2.5Mcps

High-counting

Real-time processing

APN504XDC

Capable of acquiring count rates **more than twice that of conventional analog processing**

Energy resolution
125eV



Count rate
1Mcps/ch.

Example: Data acquisition system for 25-element SSD

Multi-element

Silicon Drift Detector

XSDD

Custom-made SDD:
7-element, 4-element,
1-element



Free evaluation equipment rental and on-site demonstration services

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