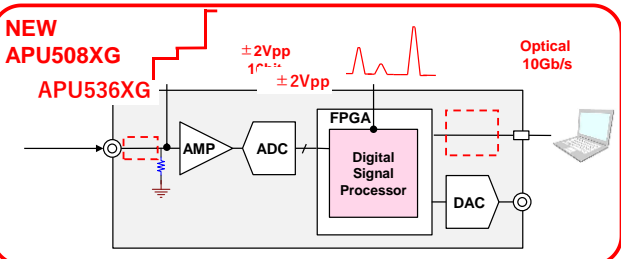
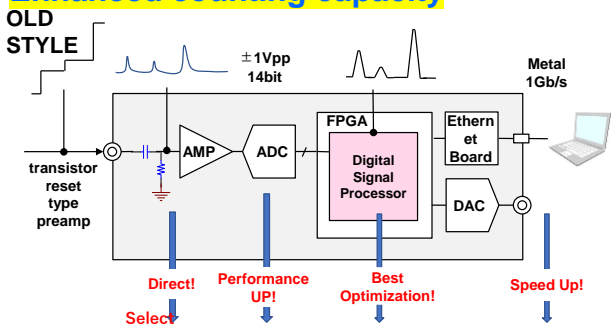


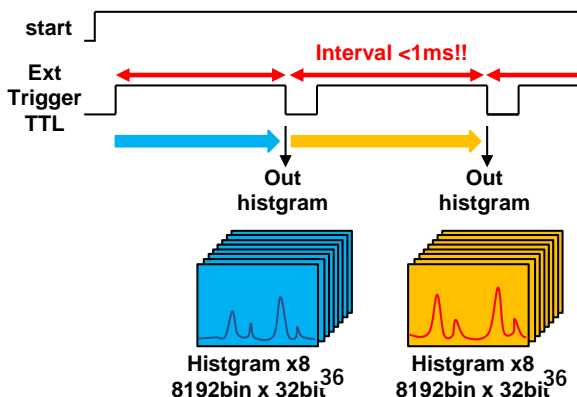
By utilizing the high data transfer rate enabled by the 10Gbps Ethernet, **quick scan measurements with external trigger can be performed at ultra-high speeds, such as in under 1ms.** Additionally, we have designed the circuit configuration to enable the measurement of extremely high counts in X-ray spectroscopy.



Enhanced counting capacity



High-speed histogram transfer mode



Optimal for XAFS measurements!

Specifications

Analog input type	Up to 36 channel, LEMO connector Input impedance 1kΩ
Input coupling	AC/DC selectable
ADC	Input range ±2V, Sampling 100 MSPS, Resolution 16-bit
Analog Coarse Gain	x1, x4, x10, x20
Measurement mode	Histogram, Quick Scan (High-speed histogram transfer)
Communication I/F	TCP/IP, 10GBASE-SR (data transfer) UDP (for communication)
Power supply	AC100V
External Dimensions	W:483 x H:88 x D:425 mm Mountable in a 19-inch rack

Command manual for external PC control included

```

コマンドプロンプト
C:\Projects\Yapu101_vc\YDebug>APU101_sample.exe
start measurement!!
time(msec): 0/ 3000. input rate(cps): 0 throughput rate(cps): 0
time(msec): 201/ 3000. input rate(cps): 0 throughput rate(cps): 0
time(msec): 402/ 3000. input rate(cps): 0 throughput rate(cps): 0
time(msec): 603/ 3000. input rate(cps): 0 throughput rate(cps): 0
time(msec): 804/ 3000. input rate(cps): 0 throughput rate(cps): 0
time(msec): 1004/ 3000. input rate(cps): 0 throughput rate(cps): 0
time(msec): 1205/ 3000. input rate(cps): 1000 throughput rate(cps): 1000
time(msec): 1406/ 3000. input rate(cps): 1000 throughput rate(cps): 1000
time(msec): 1607/ 3000. input rate(cps): 1000 throughput rate(cps): 1000
time(msec): 1808/ 3000. input rate(cps): 1000 throughput rate(cps): 1000
time(msec): 2009/ 3000. input rate(cps): 1000 throughput rate(cps): 1000
time(msec): 2210/ 3000. input rate(cps): 1000 throughput rate(cps): 1000
time(msec): 2411/ 3000. input rate(cps): 1000 throughput rate(cps): 1000
time(msec): 2612/ 3000. input rate(cps): 1000 throughput rate(cps): 1000
time(msec): 2812/ 3000. input rate(cps): 1000 throughput rate(cps): 1000
time(msec): 3000/ 3000. input rate(cps): 1000 throughput rate(cps): 1000
finish measurement...
measurement completed!!!
C:\Projects\Yapu101_vc\YDebug>
    
```

Sample programs included (LabVIEW, Python, etc.)

*Images is for illustration purpose.
*Please note that contents may change without prior notice.

