



**SPECTRUM**  
INSTRUMENTATION

Perfect fit – modular designed solutions

Spectrum Instrumentation, founded in 1989, uses a unique modular concept to design and produce a wide range of more than 200 digitizers and generator products as PC-cards (PCIe and PXIe) and stand-alone Ethernet units (LXI). In 30 years, Spectrum has gained customers all around the world, including many A-brand industry-leaders and practically all prestigious universities.

## 135 different digitizers



SERIES: M5i.33xx (5 models)  
TYPE: PCIe x16 with 12 bit  
SPEED: 3.2 GS/s to 10 GS/s  
CHANNELS: 1 or 2

10 GS/s speed

12.8 GB/s streaming



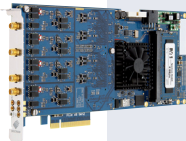
SERIES: M4x.22xx (9 models)  
TYPE: PXIe x4 with 8 bit  
SPEED: 1.25 GS/s to 5 GS/s  
CHANNELS: 1 to 4



SERIES: M4i.22xx (9 models)  
TYPE: PCIe x8 with 8 bit  
SPEED: 1.25 GS/s to 5 GS/s  
CHANNELS: 1 to 4



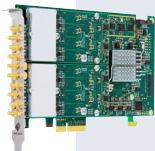
SERIES: M4x.44xx (8 models)  
TYPE: PXIe x4 with 14 to 16 bit  
SPEED: 130 MS/s to 500 MS/s  
CHANNELS: 1 to 4



SERIES: M4i.44xx (8 models)  
TYPE: PCIe x8 with 14 to 16 bit  
SPEED: 180 MS/s to 500 MS/s  
CHANNELS: 1 to 4



SERIES: DN2.xxx (32 models)  
TYPE: LXI-Ethernet with 8 to 16 bit  
SPEED: 5 MS/s to 5 GS/s  
CHANNELS: 2 to 16



SERIES: M2p.59xx (24 models)  
TYPE: PCIe x4 with 16 bit  
SPEED: 5 MS/s to 125 MS/s  
CHANNELS: 1 to 8



SERIES: DN6.xxx (40 models)  
TYPE: LXI-Ethernet with 8 to 16 bit  
SPEED: 5 MS/s to 5 GS/s  
CHANNELS: 12 to 48

## 55 AWGs (Arbitrary Waveform Generators)



SERIES: M4i.66xx (5 models)  
TYPE: PCIe x8 with 16 bit  
SPEED: 625 MS/s to 1.25 GS/s  
CHANNELS: 1 to 4



SERIES: M4x.66xx (5 models)  
TYPE: PXIe x4 with 16 bit  
SPEED: 625 MS/s to 1.25 GS/s  
CHANNELS: 1 to 4



SERIES: M2p.65xx (14 models)  
TYPE: PCIe x4 with 16 bit  
SPEED: 40 MS/s to 125 MS/s  
CHANNELS: 1 to 8



SERIES: DN2.6xx (15 models)  
TYPE: LXI-Ethernet with 16 bit  
SPEED: 40 MS/s to 1.25 GS/s  
CHANNELS: 2 to 16



SERIES: DN6.6xx (16 models)  
TYPE: LXI-Ethernet with 16 bit  
SPEED: 40 MS/s to 1.25 GS/s  
CHANNELS: 6 to 48

## AWG & digitizer in one box



SERIES: DN2.8xx (6 models)  
TYPE: LXI-Ethernet with 16 bit  
SPEED: 40 MS/s to 125 MS/s  
CHANNELS: 2+2, 4+4 or 8+8

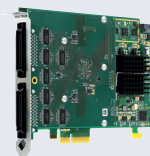


SERIES: DN2.82x (8 models)  
TYPE: LXI-Ethernet with 14 to 16 bit  
SPEED: 180 MS/s to 1.25 GS/s  
CHANNELS: 2+2 or 4+4

## Digital Data Acquisition & Digital I/O



SERIES: M4i.77xx (5 models)  
TYPE: PCIe x8  
SPEED: 125 Mbit/s to 720 Mbit/s  
CHANNELS: 32 (Digital Acquisition)



SERIES: M2p.7515 (1 model)  
TYPE: PCIe x4  
SPEED: 125 Mbit/s  
CHANNELS: 32 (Digital Input/Output)

