









KEY FEATURES

- ◆ # Emulation of detector-like signals
- ◆ # 500 MSps 14-bit DAC
- ◆ # Analog output rise time down to 5 ns and exponential signal decay time up to 200 μ s
- ◆ # Nuclides database with more than 50 real acquired spectra
- ◆ # White noise, random walk and continuous reset preamplifier emulation
- ◆ # USB 2.0, 1 Gbit Ethernet
- ◆ # Web-based GUI
- ◆ # Standalone basic operation through the front panel display

Introducing the New DT4810 Signal Generator Your Path to Innovation

-  Explore the results of our study to upgrade the DT4800 signal generator with improved performances at affordable rate!
-  The DT4810 is your entry-level gateway to the Detector Emulator range, strategically designed for compactness, ease of use, and single-channel operation.
-  Say goodbye to outdated hardware - we're upgrading with the latest Xilinx SoCs.
-  No more software hassles - enjoy a web-based control interface accessible via Ethernet and USB2. No installations required!
-  Improved performance - now generating signals at up to 500 MSps for high-quality outputs with reduced harmonic content.

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- ⊄ Improved output signal quality
- ⊄ SiPM detector emulation
- ⊄ User-friendly web interface for control and visualization
- ⊄ JupyterLab support for Python scripting  Coming Soon

Upgrade your lab equipment with the power of innovation. Don't miss out - stay ahead with the new DT4810 Signal Generator.



Ordering Option

Ordering code	Description
WDT4810XAAAA	DT4810 – 1 Channel Micro Digital Detector Emulator



<https://www.caen.it/products/dt4810/>



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