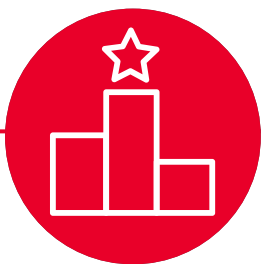


Keysight InfiniiVision 4000G X-Series Oscilloscopes

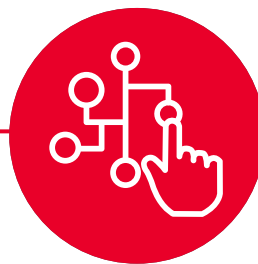
Versatility Unleashed, Possibilities Amplified

The 4000G X-Series offers the industry-leading capabilities engineers value in InfiniiVision, such as the fastest uncompromised waveform update rate and the world's easiest triggering capability, zone trigger. The 4000G raises the bar with advanced features now included in the standard configuration, creating a combination of advanced performance, intuitive usability, and versatile functionality.



Advanced

- **Easiest triggering system** in the industry – zone trigger
- Industry's **fastest uncompromised waveform update rate** of 1,000,000 wfms/sec
- **Advanced features part of standard config** other vendors don't have or charge extra: WaveGen, **hardware-based mask testing**, **measurement limit testing**, **FRA**, **histograms**, **hardware-based** serial decoding, segmented memory



Intuitive

- User-friendly InfiniiVision interface ensuring easy setup and navigation
- **Built-in help** on every button and **zone trigger** simplify complex analysis
- **Options bundled into standard config** makes purchasing even more simple



Versatile

- Dive deeper, faster with multiple instruments integrated in one: **FRA**, counter/totalizer, DVM, WaveGen, **hardware-based** protocol analysis, 16 digital channels
- Extensive portfolio of probes and accessories
- Industry-specific software, such as power analysis suite including automatic **power supply rejection ratio and control loop response measurements**

Versatility Unleashed, Possibilities Amplified

DSOX or MSOX (i.e. DSOX4022G)	4022G	4024G	4032G	4034G	4052G	4054G	4104G	4154G
Bandwidth	200 MHz		350 MHz		500 MHz		1 GHz	1.5 GHz
Analog Channels	2	4	2	4	2	4	4	4
MSO / Digital Channels	16							
Sample Rate	5 GSa/s							
Waveform Update Rate	Industry's only uncompromised waveform update rate of >1,000,000 wfms/s							
Zone Touch Trigger	Standard							
Active Probing	Yes							
Integrated 20 MHz WaveGen	Standard dual arbitrary waveform generators							
Frequency Response Analysis (Bode plot)	Standard							
Integrated Digital Voltmeter	Standard							
Integrated Hardware Counter	Standard							
Hardware Serial Decode	Standard I ² C, SPI, UART, (RS232/422/485), I ² S, USB-PD, more optional decodes – widest range of hardware-based decodes available in this class of oscilloscopes							
Segmented Memory	Standard							
Mask/Measurement Limit Testing	Standard, hardware-based							
Histograms	Standard							
Power Analysis Suite	Optional							
HDTV Video Analysis	Standard							
Advanced Math	Standard							
Screen Size	12.1 in capacitive touch screen							

Do you need higher bandwidth, faster sample rate, or more advanced analysis options than the 4000G X-Series has to offer?

[Check out the 6000 X-Series!](#)

1 GHz to 6 GHz, 2 or 4 Channels, 20 GSa/s, advanced jitter analysis, and more

Resources to Learn More

4000G specific content will be added at public introduction (Jan 15, 2024)

[InfiniiVision Technical Resources](#)

[InfiniiVision Oscilloscopes Catalog](#)

[Keysight InfiniiVision Oscilloscope](#)

[InfiniiVision Software 1-Pager](#)

[Keysight Hands-On YouTube Channel with InfiniiVision Tutorials](#)

[Keysight Labs YouTube Channel with InfiniiVision Tutorials](#)

[6 Tricks to Get the Most Out of Your Oscilloscope](#)

Services

With Keysight services you will gain exclusive access to our industry experts with KeysightCare Technical Support!

[KeysightCare Service and Support](#)

[Calibration Services](#)

[Keysight Support Portal](#)

Keysight enables innovators to push the boundaries of engineering by quickly solving design, emulation, and test challenges to create the best product experiences. Start your innovation journey at www.keysight.com.

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