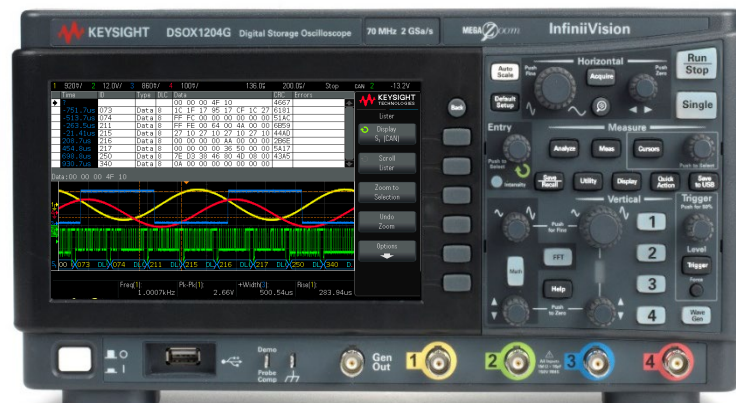


Keysight InfiniiVision 1000 X-Series Oscilloscopes

Get measurements you can count on!



2 Channels: EDUX1052A; EDUX1052G; DSOX1202A; DSOX1202G



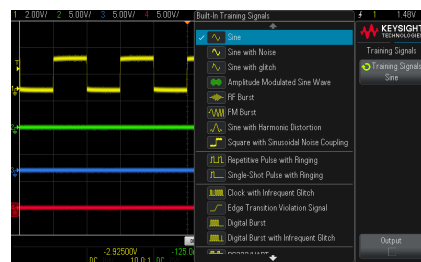
4 Channels: DSOX1204A; DSOX1204G

| | | | |
|--------------------|--|---------------------------|---|
| Bandwidth | 50 MHz (EDUX), 70 MHz, 100MHz, 200MHz | 6-in-1 integration | Oscilloscope |
| Channel | 2 analog + 1 digital (ext.) or 4 analog channels | | WaveGen (built-in 20 MHz function generator on G models) |
| Sample rate | Up to 2 GSa/s (1 GSa/s on EDUX models) | | Serial protocol analyzer (I ² C, SPI, UART/RS232, CAN, LIN standard) |
| Memory | Up to 2 M points per channel (200 k points/ch on EDUX models) | | Digital voltmeter (standard) |
| Update rate | Up to 200,000 waveforms/sec (100,000 waveforms/sec on EDUX models) | | Frequency counter (standard) |
| Display | 7-inch WVGA | | Frequency response analyzer (standard on G models) |
| Calibration | 5-year interval | | |
| Upgradable | Bandwidth, extended warranty | Connectivity | USB host, USB device, LAN |

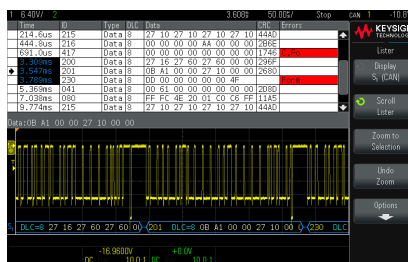
The 1000 X-Series leverages the same, proven technology we use in our higher-end InfiniiVision family, giving you professional-level measurements you can trust. Now you can get even more functionality with capabilities like 4-wire SPI decode and remote connection via LAN. Get the performance you need to measure with confidence.



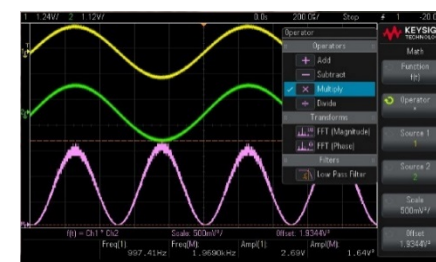
Bode plot feature for frequency response analysis



Built-in help and training signals



Standard serial bus analysis



Professional-level oscilloscope functionality with industry-leading analysis

Find us at www.keysight.com

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Oscilloscope models

| Model | Bandwidth, Channel, WaveGen | Maximum memory |
|-----------|---|-----------------------------------|
| EDUX1052A | 2 channel, 50 MHz | 200 k points/channel |
| EDUX1052G | 2 channel, 50 MHz with function generator | 200 k points/channel |
| DSOX1202A | 2 channel, 70/100 MHz | 2 M points/channel |
| DSOX1202G | 2 channel, 70/100 MHz with function generator | 2 M points/channel |
| DSOX1204A | 4 channel, 70/100/200 MHz | 2 M pts/half-channel ¹ |
| DSOX1204G | 4 channel, 70/100/200 MHz with function generator | 2 M pts/half-channel ¹ |

1. 1 M points/channel when operating all four channels.

Measurement information

| Model | Description |
|-----------|--|
| D1202BW1A | Bandwidth upgrade 70 to 100 MHz for DSOX1202A/G |
| D1202BW2A | Bandwidth upgrade 70 to 200 MHz for DSOX1202A/G |
| D1202BW3A | Bandwidth upgrade 100 to 200 MHz for DSOX1202A/G |
| D1200BW1A | Bandwidth upgrade 70 to 100 MHz for DSOX1204A/G |
| D1200BW2A | Bandwidth upgrade 70 to 200 MHz for DSOX1204A/G |
| D1200BW3A | Bandwidth upgrade 100 to 200 MHz for DSOX1204A/G |

| Application | Description |
|------------------|--|
| WaveGen | Integrated 20 MHz function generator Standard on G models only |
| FRA | Frequency response analysis (Bode plot) Standard on G models only |
| DVM | Integrated digital voltmeter Standard |
| EDK | Educator's oscilloscope training kit Standard |
| Mask test | Mask limit testing Standard on DSOX models |
| Segmented memory | Segmented memory application Standard on DSOX models |
| Serial analysis | I ² C, SPI, UART/RS232, CAN, LIN Standard on DSOX models |
| Serial analysis | I ² C, UART/RS232 Standard on EDUX models |
| BenchVue | Automation and analysis software BV0004B (standard) |
| UDA | User-defined Application software N5467B/C |

Accessories

| Model | Description |
|--------|---|
| N2137A | User's Guide for InfiniiVision DSOX1204A/G model |
| N2738A | Soft carrying case for 1000 X-Series oscilloscopes |
| N2138A | Rackmount kit for 1000 X-Series oscilloscopes (black) |

Probing

| Model | Description |
|--------|---|
| N2142A | 1:1, 10:1 switchable 75 MHz passive probe (2 probes included standard with EDUX1052A/G) |
| N2140A | 1:1, 10:1 switchable 200 MHz passive probe (2 probes included standard with DSOX1202A/G; 4 probes included standard with DSOX1204A/G) |
| 1146B | 100 kHz, 100A, AC/DC current probe |
| N2870A | 1:1, 35 MHz passive probe |
| N7007A | 10:1 400 MHz extreme temperature passive probe |
| 10076C | 100:1 500 MHz 3.7 KV high voltage passive probe |

Included standard

Standard passive probes
(Two N2142A for EDUX1052A/G; Two N2140A for DSOX1202A/G; Four N2140A for DSOX1204A/G)

Standard secure erase

Interface language support GUI: English, Japanese, Simplified Chinese, Traditional Chinese, Korean, German, French, Spanish, Russian, Portuguese, Italian, Polish, Czech, Thai, and Turkish

Built-in help language support for English, Japanese, Simplified Chinese, Traditional Chinese, Korean, German, French, Spanish, Russian, Portuguese, Italian, Polish, and Thai

Localized Power cord

Certificate of calibration

More Information: www.keysight.com/find/1000X-Series

Learn more at: www.keysight.com

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