Keysight Technologies

InfiniiVision 6000L Series Low-Profile Oscilloscopes

The most space efficient, and affordable LXI C compliant oscilloscopes

Data Sheet





Introduction

Four channels in only 1U space

Industry-leading performance:

- 4-channel digital storage oscilloscope (DSO) models
- Low profile, high density 1U (4.45 cm, 1.75 inches) package
- LXI class C compliant
- 100 MHz, 500 MHz and 1 GHz analog bandwidth
- Up to 4 GSa/s sample rate
- Standard 8 Mpts MegaZoom III deep memory
- Full-scale connectivity Standard USB, LAN, GPIB interface with XGA video output
- 8-bit vertical resolution (extensible to 12 bits)
- Built-in Web browser control
- IVI-COM driver
- 100% software compatible with 6000A Series portable oscilloscopes
- Optional segmented memory application
- Optional secure environment mode

The highest performance and lowest cost automated test oscilloscope in its class.

Low-profile, high-density package saves rack space

The InfiniiVision 6000L Series oscilloscopes provide up to 1-GHz bandwidth in a space-saving 1U-high 19-inch wide package so it saves your valuable rack space. The oscilloscopes have side and rear air vents (no top or bottom air vents) so other instruments can be mounted directly above or below them. Rack mount brackets and rack rails are standard with every unit.

LXI class C compliant

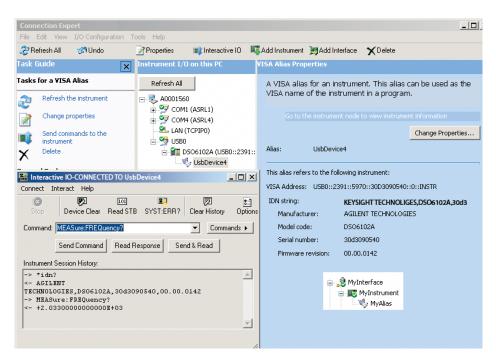
LAN extensions for Instrumentation (LXI) is the architecture for test systems that's based on proven, widely used standards such as Ethernet. By specifying the interaction of those standards, LXI enables fast, efficient, cost-effective creation and reconfiguration of test systems. The InfiniiVision 6000L Series oscilloscopes are fully LXI class C compliant. The InfiniiVision 6000L Series oscilloscopes follow specified LAN protocols, and adhere to LXI requirements such as a built-in Web control server, IVI driver software, and more.

Easy system integration and configuration

To simplify system development, the InfiniiVision 6000L Series oscilloscopes come standard with an IVI-COM (Interchangeable Virtual Instruments) driver, and they support easy-to-use SCPI commands. The standard Keysight Technologies, Inc. I/O Library Suite makes it easy to configure and integrate instruments into your system – even if your system includes instruments from other vendors.



Make the most of your rack space with an InfiniiVision 6000L Series oscilloscope.



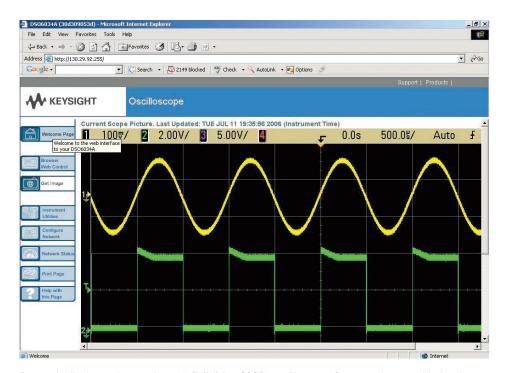
Establish instrument connection faster with Keysight I/O Library Suite.

Built-in Web control

The built-in Web server provides remote access and control of the instrument via a standard Java-enabled Web browser on your computer. You can communicate with the scope over the scope's built-in LAN interface. Using the Web browser you can set up measurements, monitor waveforms, capture screen images and operate the scope remotely. Through the remote front panel you have access to the built-in help system that is available in eleven languages. Simply right click on the soft keys to see help for that function. You can also send SCPI commands over the LAN to control your scope. Wherever you are, your InfiniiVision 6000L Series scope is as close as the nearest Web browser.

Optional secure environment mode

The optional secure environment mode provides the highest level of security by ensuring that internal memory is clear of all setup and trace settings in compliance with National Industrial Security Program Operating Manual (NISPOM) Chapter 8 requirements. You can move the instrument out of a secure area with confidence. When this option is installed, it will store setups and traces to internal volatile memory only. To permanently store data, you can save it to an external memory device via the oscilloscope's front-panel USB port.



Remotely display and control your InfiniiVision 6000L oscilloscope from any Java-enabled web browser over the oscilloscope's built-in LAN interface.

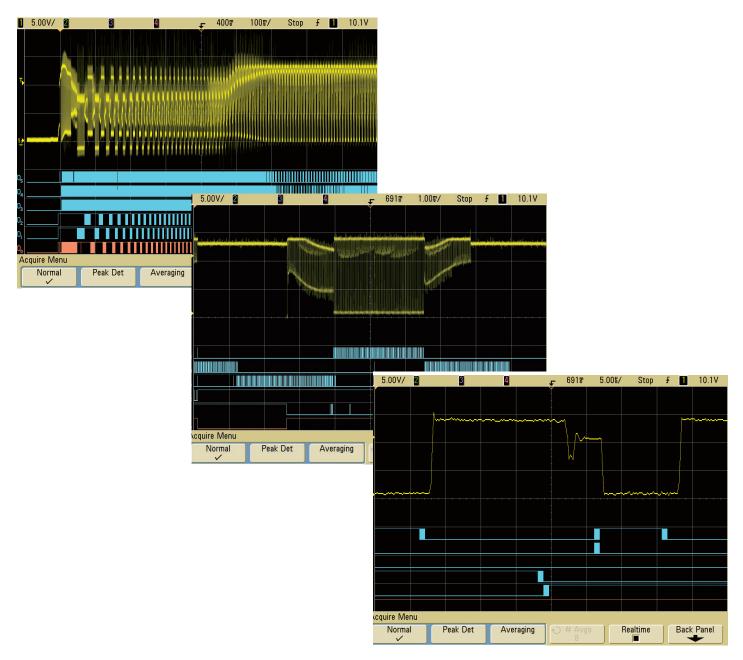
Up to 12 bits of resolution

High resolution mode offers up to 12 bits of resolution in real-time mode, which reduces noise and increases vertical resolution. When operating at slow time base ranges, the InfiniiVision 6000L Series oscilloscopes serially filter sequential data points and map the filtered results to the display. In certain situations, user-controlled averaging can also be used to obtain greater than 8-bits of resolution.

| Time base | Bits of resolution |
|----------------|--------------------|
| < 100 nsec/div | 8 |
| 500 nsec/div | 9 |
| 2 μsec/div | 10 |
| 10 μsec/div | 11 |
| ≥ 50 µsec/div | 12 |

Powerful acquisition with MegaZoom-III deep memory

8 Mpt of MegaZoom deep memory comes standard so you can capture long, non-repeating signals, while maintaining high sample rates and good timing resolution. This lets you quickly zoom in on areas of interest. In single-channel mode with 8 Mpts of memory, the DSO6104L can capture a signal over a 2-msec period with a sampling rate of 4-GSa/s (0.25-nsec period). The fast sample rate and deep memory ensure that all high-frequency signal components, up to the full bandwidth of the scope, are captured.



MegaZoom III deep memory helps you find details buried in complex signals. You can view fast waveform updates of signals by means of an external dislpay connected to the oscilloscope's XGA out port.

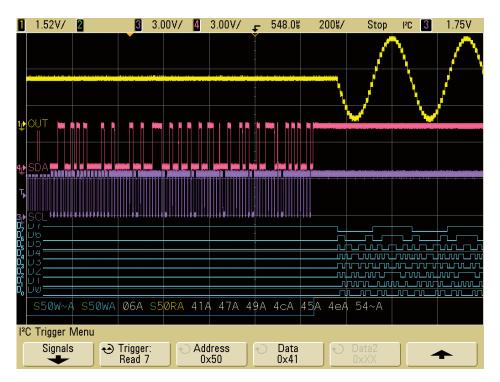
Mixed signal analysis option

If you work with both analog and digital circuitry, the InfiniiVision 6000L Series oscilloscope can help you see more signal activity in your designs. You can upgrade the 6000L Series oscilloscope to a 4 scope +16 logic timing channel mixed signal oscilloscope (MSO). With the MSO you can trigger on any combination of its scope and logic channels.

Easy programming transition

One of the biggest challenges in a new product's life cycle is the transition of its test system from development to manufacturing. With LXI, the transition can be achieved much more easily and cost effectively than with cardcage-based systems.

Engineers can use the LXI class C compliant InfiniiVision 6000A Series portable oscilloscope during the R&D phase, using the display, keypad and knobs to quickly access a wealth of measurement capabilities. When your product moves to manufacturing, you can use a system-optimized 6000L Series LXI oscilloscope without a display. Because the InfiniiVision 6000A and 6000L are 100% software compatible. your manufacturing system can use the software and test routines developed in R&D without any modification, while you save cost and rack space by moving from a standard bench-top oscilloscope to a 1U high oscilloscope without a display.



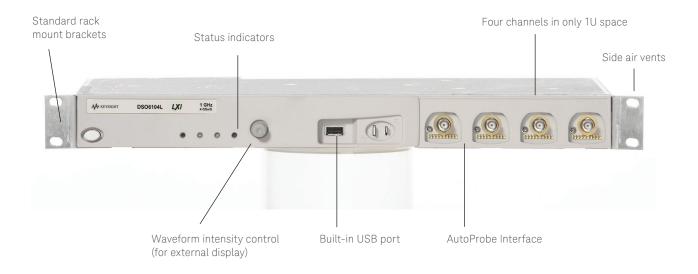
The MSO option lets you see the complex interactions among your signals on up to 20 channels at the same time.

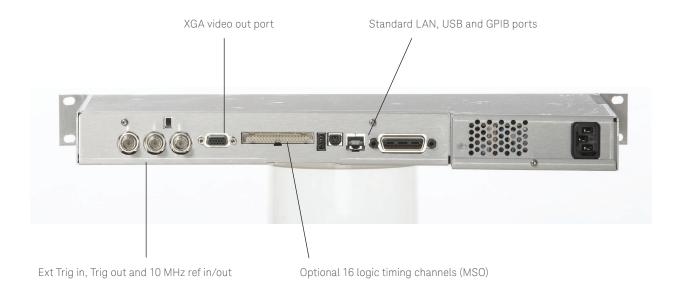


The InfiniiVision 6000A and 6000L Series oscilloscopes are 100% software compatible, enabling smooth test system transition.

Keysight InfiniiVision 6000L Series Oscilloscopes:

The most space efficient LXI C compliant oscilloscopes





Performance Characteristics

| Scope input | |
|---|--|
| Channels | Ch 1, 2, 3 and 4 simultaneous acquisition |
| Bandwidth (-3 dB) ¹ | DSO6014L: DC to 100 MHz |
| | DSO6054L: DC to 500 MHz |
| | DSO6104L: DC to 1 GHz |
| Maximum input | CAT I 300 Vrms, 400 Vpk, CAT II 100 Vrms, 400 Vpk |
| | With 10073C/10074C 10:1 probe: CAT I 500 Vpk, CAT II 400 Vpk |
| | 5 Vrms with 50 Ω input |
| Full Scale range ² | DSO6014L: 1 mV/div to 5 V/div (1 MΩ) |
| | DSO6054L: 2 mV/div to 5 V/div (1 M Ω or 50 Ω) |
| | DSO6104L: 2 mV/div to 5 V/div (1 MΩ), 2 mV/div to 1 V/div (50 Ω) |
| Input impedance | DSO6014L ³ : 1 MΩ ± 1% 11pF |
| | DSO6054L/6104L: 1 M Ω ± 1% 14pF or 50 Ω ± 1.5%, selectable |
| Coupling | AC, DC |
| Offset range | ± 5 V on ranges < 10 mV/div |
| | ± 25 V on ranges 10 mV/div to 200 mV/div |
| | ± 75 V on ranges ≥ 200 mV/div |
| Connector | BNC |
| BW limit | DS06014L: 20MHz |
| | DSO6054L/6104L: 25 MHz selectable |
| Noise peak-to-peak | DSO6014L: 3% full scale or 2 mV, whichever is greater |
| | DSO6054L: 3% full scale or 3.6 mV, whichever is greater |
| | |
| | DSO6104L: 3% full scale or 4.5 mV, whichever is greater |
| DC Vertical | DSO6104L: 3% full scale or 4.5 mV, whichever is greater |
| Logic channels (with MSO option) | |
| Logic channels (with MSO option) Number of channels | 16 logic timing channels – labeled D15 - D0 |
| Logic channels (with MSO option) Number of channels Maximum input frequency | 16 logic timing channels – labeled D15 - D0 250 MHz |
| Logic channels (with MSO option) Number of channels Maximum input frequency Sample rate | 16 logic timing channels – labeled D15 - D0 250 MHz 2 GSa/sec one pod ⁴ , 1 GSa/sec each pod |
| Logic channels (with MSO option) Number of channels Maximum input frequency Sample rate Memory depth | 16 logic timing channels – labeled D15 - D0 250 MHz 2 GSa/sec one pod ⁴ , 1 GSa/sec each pod 1 pod /both pod |
| Logic channels (with MSO option) Number of channels Maximum input frequency Sample rate Memory depth - Standard memory | 16 logic timing channels – labeled D15 - D0 250 MHz 2 GSa/sec one pod ⁴ , 1 GSa/sec each pod 1 pod /both pod 8 Mpts/4 Mpts |
| Logic channels (with MSO option) Number of channels Maximum input frequency Sample rate Memory depth - Standard memory Vertical resolution | 16 logic timing channels – labeled D15 - D0 250 MHz 2 GSa/sec one pod ⁴ , 1 GSa/sec each pod 1 pod /both pod 8 Mpts/4 Mpts 1 bit |
| Logic channels (with MSO option) Number of channels Maximum input frequency Sample rate Memory depth - Standard memory Vertical resolution Threshold selections | 16 logic timing channels – labeled D15 - D0 250 MHz 2 GSa/sec one pod ⁴ , 1 GSa/sec each pod 1 pod /both pod 8 Mpts/4 Mpts 1 bit TTL, CMOS, ECL, user-definable (selectable by pod) |
| Logic channels (with MSO option) Number of channels Maximum input frequency Sample rate Memory depth - Standard memory Vertical resolution | 16 logic timing channels – labeled D15 - D0 250 MHz 2 GSa/sec one pod ⁴ , 1 GSa/sec each pod 1 pod /both pod 8 Mpts/4 Mpts 1 bit |

^{1.} Denotes warranted specifications, all others are typical. Specifications are valid after a 30-minute warm-up period and ±10 °C from firmware calibration temperature.

¹ mV/div is a magnification of 2 mV/div. 2 mV/div is a magnification of 4 mV/div setting. For vertical accuracy calculations, use full scale of 16 mV for 1 mV/div sensitivity setting and 32 mV for 2 mV/div sensitivity setting. 3. Four 50 Ω termination adapters are supplied with DSO6014L.

^{4.} A pod is a group of 8 digital channels. either 0-8 or 9-16.

Performance characteristics (continued)

| Vertical resolution 8 bit Sample rate DSC | s 6014L: 2 GSa/sec | |
|---|--|--------------------|
| Sample rate DSC | 601/L · 2 CS2/c22 | |
| | 0014L. 2 G3d/Sec | |
| DSC | 6054L/6104L: 4 GSa/sec half channel, 2 GSa/sec each channel | |
| Equi | valent-time sample rate: 400 GSa/s (when realtime mode is turned of | off) |
| Memory depth 2 ch | annels/4 channels | |
| - Standard 8 M | ots/4 Mpts | |
| Time range 5 ns | ec/div to 50 sec/div (DSO6014L) | |
| 1 ns | ec/div to 50 sec/div (DSO6054L) | |
| 500 | psec/div to 50 sec/div (DSO6104L) | |
| Acquisition | | |
| Acquisition mode Norm | nal, Peak Detect, Averaging, High Resolution | |
| Peak detection DSC | 6014L: 1 nsec peak detect | |
| DSC | 6054L/6104L: 250 psec peak detect | |
| Averaging Sele | ctable from 2, 4, 8, 16, 32, 64 to 65536 | |
| High resolution mode Time | e base | Bits of resolution |
| < 10 | 0 nsec/div | 8 |
| 500 | nsec/div | 9 |
| 2 με | ec/div | 10 |
| 10 µ | sec/div | 11 |
| ≥ 5C | μsec/div | 12 |
| Filter Sinx | /x interpolation | |
| Trigger system | | |
| Sources DSC | 6xx4L: Ch 1, 2, 3, 4, line, ext and D0 - D15 for MSO enabled DSO | |
| Modes Auto | , Normal, Single | |
| Holdoff time range ~60 | ns to 10 seconds | |
| Trigger jitter 15 p | sec rms | |
| Selections Edge | Edge, pulse width, pattern, TV, duration, sequence, CAN, LIN, USB, I ² C, SPI, Nth edge burst | |
| Scope channel triggering | | |
| Range (internal) \pm 6 div from center screen \pm 6 div from center scree | ± 6 div from center screen | |
| | mV/div: greater of 1 div or 5 mV | |
| ≥ 1C | mV/div: 0.6 div | |
| Coupling AC (| ~10 Hz), DC, noise reject, HF reject and LF reject (~ 50 kHz) | |

^{1.} Denotes warranted specifications, all others are typical. Specifications are valid after a 30-minute warm-up period and ± 10 °C from firmware calibration temperature.

Performance Characteristics (Continued)

| Threshold range (user defined) | ± 8.0 V in 10 mV increments |
|---------------------------------|---|
| Threshold accuracy ¹ | ± (100 mV + 3% of threshold setting) |
| Predefined thresholds | TTL = 1.4 V, CMOS = 2.5 V, ECL = -1.3 V |
| External (EXT) triggering | ,,, |
| Input resistance | $1.015 \text{ k}\Omega \pm 5\% \text{ (DSO6014L)}$ |
| | $2.14 \text{ k}\Omega \pm 5\% \text{ (DSO6054L/6104L)}$ |
| Maximum input | ± 15 V |
| Range | ±5 V |
| Sensitivity | DC to 100 MHz: 500 mV (DSO6014L) |
| | DC to 500 MHz: 500 mV (DSO6054L/6104L) |
| Coupling | AC (~ 3.5 Hz), DC, noise reject, HF reject and LF reject (~ 50 kHz) |
| Probe ID | Auto probe sense (DSO6014L) |
| | Auto probe sense and AutoProbe interface (DSO6054L/6104L) |
| Measurement features | , |
| Automatic measurements | Measurements are continuously updated. Cursors track last selected measurement |
| Voltage (scope channels only) | Peak-to-peak, maximum, minimum, average, amplitude, top, base, overshoot, preshoot, RMS, standard |
| | deviation (AC RMS) |
| Time | Frequency, period, + width, - width and duty cycle on any channels |
| | Rise time, fall time, X at max Y (time at max volts), X at min Y (time at min volts), delay, and phase on scope |
| | channels only |
| Counter | Built-in 5-digit frequency counter on any scope channel. Counts up to the scope's bandwidth (1 GHz max). |
| | The counter resolution can be increased to 8 digits with an external 10 MHz reference. |
| Threshold definition | Variable by percent and absolute value; 10%, 50%, 90% default for time measurements |
| Cursors | Manually or automatically placed readout of horizontal $(X, \Delta X, 1/\Delta X)$ and vertical $(Y, \Delta Y)$. |
| | Tracking cursors provide an additional mode for cursor positioning beyond the current manual method. |
| | When cursor tracking is enabled, changing a cursor's x-axis position results in the y-axis cursor tracking the |
| | corresponding y-axis (voltage, current, etc.) value. Additionally logic or scope channels can be displayed as |
| | binary or hex values. |
| Waveform math | f (g(t)) |
| | g(t): { 1, 2, 3, 4, 1-2, 1+2, 1x2, 3-4, 3+4, 3x4} |
| | f(t): {1-2, 1+2, 1x2, 3-4, 3+4, 3x4, FFT(g(t)), differentiate d/dt g(t), integrate $\int g(t) dt$, square root $\sqrt{g(t)}$ } |
| | |
| | |
| | Where 1,2,3,4 represent analog input channels 1, 2, 3, and 4 Note: Channels 3 and 4 only available on DSO6xx4L models |

^{1.} Denotes warranted specifications, all others are typical. Specifications are valid after a 30-minute warm-up period and ± 10 °C from firmware calibration temperature.

Performance Characteristics (Continued)

| FFT | |
|------------------------------|---|
| Points | Fixed at 1000 points |
| Source of FFT | Scope channels 1, 2, 3 or 4, 1+2, 1-2, 1x2 |
| Window | Rectangular, flattop, Hanning |
| Noise floor | -50 to -90 dB depending on averaging |
| Amplitude | Display in dBV, dBm at 50Ω |
| Frequency resolution | 0.05/(time per div) |
| Maximum frequency | 50/(time per div) |
| Storage | |
| Save/recall (non-volatile) | 10 setups and traces can be saved and recalled internally. Secure environment mode (-SEC) ensures setups and traces are stored to volatile memory. |
| Storage type and format | USB 1.1 drive on front (/drive0) and rear (/drive5) panels |
| | Image formats: BMP (8 bit), BMP (24 bit) and PNG (24 bit) |
| | Data formats: X and Y (time/voltage) values in CSV, ASCII XY and binary format |
| | Trace/setup formats: Recalled |
| 1/0 | |
| Standard ports | USB 2.0 high speed, 10/100-BaseT LAN, IEEE488.2 GPIB, XGA video output |
| Max transfer rate | IEEE488.2 GPIB: 500 kbytes/sec |
| | USB (USBTMC-USB488): 3.5 Mbytes/sec |
| | 100 Mbps LAN (TCP/IP): 1 Mbytes/sec |
| Remote front panel | |
| Built-in help | language support for English, German, French, Russian, Japanese, Traditional Chinese, Simplified Chines, Korean, Spanish, Portuguese and Italian |
| Throughput of scope channels | 100,000 waveforms/sec in real-time mode to remote monitor |
| Resolution of video output | XGA |
| Waveform controls | Waveform intensity of 256 levels, vectors on/off, infinite persistence on/off |
| General characteristics | |
| Rack mounting | Supplied with all necessary hardware (except tools) for installation into a standard EIA 19-inch rack |
| Physical size | 43.5 cm W x 27 cm D x 4.2 cm H (without brackets) |
| Weight | Net: 2.45 kg (5.4 lbs.) |
| | Shipping: 6.2 kg (13.6 lbs.) |
| Probe comp output | Frequency ~1.2 kHz |
| | Amplitude ~2.5 V |

Performance Characteristics (Continued)

| General characteristics | |
|--|--|
| Trigger out | |
| When triggers is selected (delay ~17 ns) | 0 to 5 V into high impedance |
| | 0 to 2.5 V into 50 Ω |
| When source frequency or | 0 to 580 mV into high impedance |
| source frequency/8 is selected | 0 to 2.5 V into 50 Ω |
| Max frequency output | 350 MHz (in source frequency mode when terminated in 50Ω) |
| | 125 MHz (in source frequency/8 mode when terminated in 50 Ω) |
| 10 MHz ref in/out | TTL out, 180 mV to 1 V amplitude within 0 to 2 V offset |
| Power requirements | |
| Line voltage range | 100 to 240 V, 50/60 Hz auto ranging |
| Line frequency | 50/60 Hz |
| Power usage | 80 W max |
| Environmental characteristics | |
| Ambient temperature | Operating –10 °C to +50 °C; non-operating –40 °C to +70 °C |
| Humidity | Operating 95% RH at 40 °C for 24 hours; non-operating 90% RH at 65 °C for 24 hours |
| Altitude | Operating to 4,570 m (15,000 ft); non-operating to 15,244 m (50,000 ft) |
| Vibration | Keysight class GP and MIL-PRF-28800F; Class 3 random |
| Shock axis | Keysight class GP and MIL-PRF-28800F; |
| | (Operating 30 g, 1/2 sine, 11-ms duration, 3 shocks/axis along major. Total of 18 shocks) |
| Pollution degree | Normally only dry non-conductive pollution occurs. |
| | Occasionally a temporary conductivity caused by condensation must be expected. |
| Indoor use | This instrument is rated for indoor use only |
| Other | |
| Installation categories | CATI |
| EMC | IEC 61326-1:1997, EN 61326-1:1997 |
| Safety | IEC 61010-1:2001, EN 61010-1:2001 |
| | Canada: CSA-C22.2 No. 1010.1:1992 |
| | UL 61010-1:2003 |
| Supplementary information | The product herewith complies with the requirements of the low voltage directive 73/23/EEC and the EMC |
| | directive 89/336/EEC, and carries the CE-marking accordingly. |

Ordering Information

| Model number | Description | |
|--------------|------------------|--|
| DS06104L | 1 GHz 4-ch DSO | |
| DS06054L | 500 MHz 4-ch DSO | |
| DS06014L | 100 MHz 4-ch DS0 | |

Accessories included:

| Model number | DS06104L/6054L | DS06014L |
|---|----------------|-----------|
| User's guide, service guide, programmer's guide | $\sqrt{}$ | $\sqrt{}$ |
| Power cord | $\sqrt{}$ | $\sqrt{}$ |
| 10:1 divider passive probe per scope channel | $\sqrt{}$ | |
| Keysight IO Libraries Suite 14.2 | $\sqrt{}$ | |
| Standard 3 year warranty | $\sqrt{}$ | $\sqrt{}$ |
| GPIB extender | $\sqrt{}$ | |
| 50 Ω termination adapter | | |
| Crossover LAN cable | | |
| Rack mount hardware | $\sqrt{}$ | $\sqrt{}$ |

Available options

| Option number | Description | DS06014L | DS06054L/6104L |
|---------------|---|-----------|----------------|
| N2914A 1 | MSO upgrade kit | $\sqrt{}$ | |
| N2915A 1 | MSO upgrade kit | | $\sqrt{}$ |
| N5427A(-SEC) | Secure environment mode | $\sqrt{}$ | $\sqrt{}$ |
| N5423A(-LSS) | I ² C/SPI triggering and decode option | | $\sqrt{}$ |
| N5424A(-AMS) | CAN/LIN triggering and decode option | $\sqrt{}$ | $\sqrt{}$ |
| N5454A(-SGM) | Segmented memory application | $\sqrt{}$ | $\sqrt{}$ |
| N5457A (-232) | RS-232/UART triggering and decode | | $\sqrt{}$ |
| N5468A | I ² S triggering and decode option | | $\sqrt{}$ |
| N5455A | Mask testing- limit | $\sqrt{}$ | $\sqrt{}$ |

^{1.} Includes a 54620-68701 logic cable kit, a label and an upgrade key code to activate the MSO features.

Ordering Information (Continued)

Warranty and calibration options

All models include a standard 1-year warranty. Contact local sales office for prices of extended options:

Passive probes

| Product number | Description |
|----------------|--|
| 10070C | 1:1 passive probe with ID |
| 10074C | 10:1 150 MHz passive probe with ID (shipped standard with DSO6014L model) |
| 10073C | 10:1 500 MHz passive probe with ID (shipped standard with DSO6054L/6104L models) |

Current probes

| Product number | Description |
|----------------|--|
| 1146A | 100-kHz current probe, AC/DC |
| 1147B | 50-MHz/15A current probe, ac/dc with AutoProbe interface (power supply not required) |
| N2780A | 2 MHz/500A current probe, AC/DC |
| N2781A | 10 MHz/150A current probe, AC/DC |
| N2782A | 50 MHz/30A current probe, AC/DC |
| N2783A | 100 MHz/30A current probe, AC/DC |
| N2779A | Power supply for N278xA current probes |

High-voltage probes

| Product number | Description |
|----------------|--|
| 10076A | 100:1, 4 kV, 250-MHz probe with ID |
| N2771A | 1000:1, 15 kV, 50-MHz high-voltage probe |

Logic probes

| Product number | Description |
|----------------|-------------------------------------|
| 10085-68701 | 16:16 logic cable and terminator |
| 54620-68701 | 16:2 x 8 logic input probe assembly |

Active single-ended probes

| Product number | Description |
|----------------|---|
| 1144A | 800-MHz active probe |
| 1145A | 2-channel 750-MHz active probe |
| 1142A | Power supply for 1144A and 1145A |
| 1156A | 1.5-GHz active probe with AutoProbe interface (power supply not required) |

Active differential probes

| Product number | Description |
|----------------|--|
| N2791A | 25 MHz differential probe |
| 1130A | 1.5 GHz InfiniiMax differential probe amplifier with AutoProbe interface (Order one or |
| | more InfiniiMax probe heads or connectivity kits per amplifier.) |

Related Literature

| Publication title | Publication number |
|---|--------------------|
| InfiniiVision Oscilloscope Probes and Accessories - Selection Guide | 5968-8153EN |
| 6000 Series Oscilloscopes - Data Sheet | 5989-2000EN |
| Open the Door to Simpler System Creation - Brochure | 5989-2042EN |
| LXI: Going Beyond GPIB, PXI and VXI: Application Note 1465-20 | 5989-4371EN |
| Optimizing Test Systems for Highest Throughput, Lowest Cost and Ease of | 5989-4886EN |
| Integration with LXI Instruments - Application Note | |
| InfiniiVision Series Oscilloscope Secure Environment Mode Option - Data Sheet | 5989-5558EN |
| Segmented Memory Acquisition for InfiniiVision Series Oscilloscopes - Data Sheet | 5989-7833EN |
| I ² S Triggering and Hardware-based Decode (Option SND) for Keysight InfiniiVision | 5990-4198EN |
| Oscilloscopes - Data Sheet | |



Keysight Oscilloscopes

Multiple form factors from 20 MHz to > 90 GHz | Industry leading specs | Powerful applications



www.axiestandard.org

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LAN eXtensions for Instruments puts the power of Ethernet and the Web inside your test systems. Keysight is a founding member of the LXI consortium.





PCI eXtensions for Instrumentation (PXI) modular instrumentation delivers a rugged, PC-based high-performance measurement and automation system.

From Hewlett-Packard through Agilent to Keysight

For more than 75 years, we've been helping you unlock measurement insights. Our unique combination of hardware, software and people can help you reach your next breakthrough. Unlocking measurement insights since 1939.







1939 THE FUTURE

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A personalized view into the information most relevant to you.

Three-Year Warranty



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Keysight's committed to superior product quality and lower total cost of ownership. Keysight is the only test and measurement company with three-year warranty standard on all instruments, worldwide. And, we provide a full one-year warranty on all accessories, calibration devices, systems and custom products.

Keysight Assurance Plans



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Up to ten years of protection and no budgetary surprises to ensure your instruments are operating to specification, so you can rely on accurate measurements.

Keysight Infoline

Keysight Infoline Ke

www.keysight.com/find/service

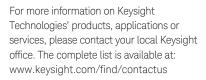
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| Europe & Middle East | |
|----------------------|---------------|
| Austria | 0800 001122 |
| Belgium | 0800 58580 |
| Finland | 0800 523252 |
| France | 0805 980333 |
| Germany | 0800 6270999 |
| Ireland | 1800 832700 |
| Israel | 1 809 343051 |
| Italy | 800 599100 |
| Luxembourg | +32 800 58580 |
| Netherlands | 0800 0233200 |
| Russia | 8800 5009286 |
| Spain | 800 000154 |
| Sweden | 0200 882255 |
| Switzerland | 0800 805353 |
| | Opt. 1 (DE) |
| | Opt. 2 (FR) |
| | Opt. 3 (IT) |
| United Kingdom | 0800 0260637 |
| | |

For other unlisted countries: www.keysight.com/find/contactus (BP-10-30-15)



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