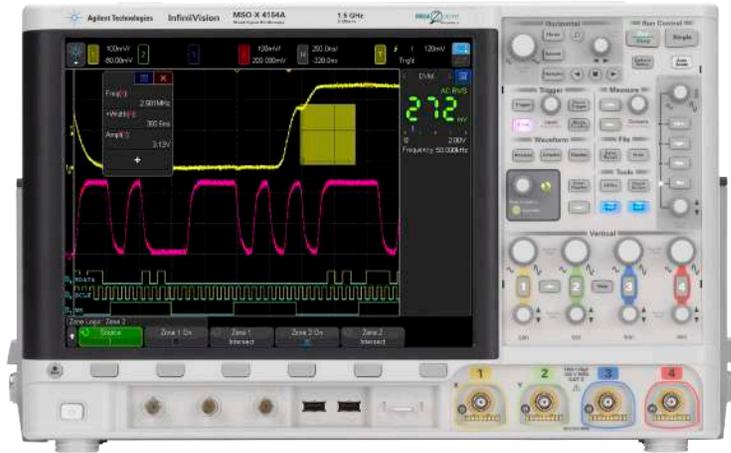
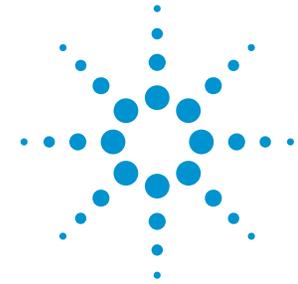
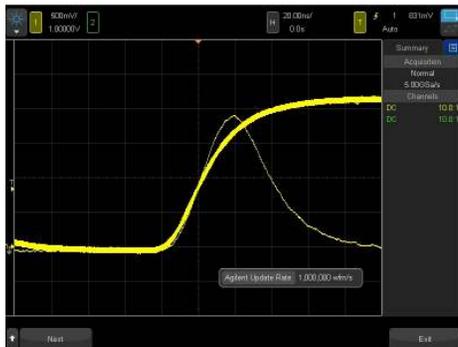


Agilent InfiniiVision 4000 X-Series Oscilloscopes



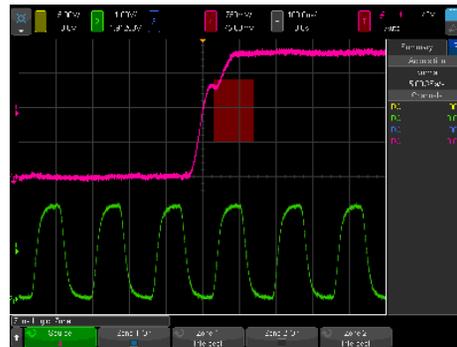
The oscilloscope experience redefined



Experience the speed

Find even more of your most intermittent signal anomalies

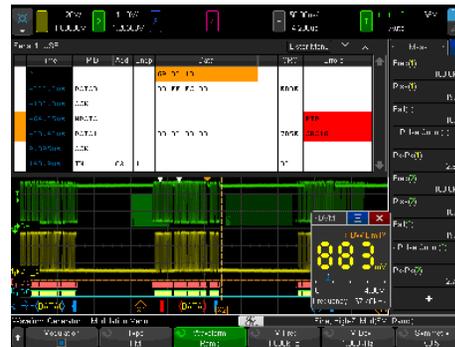
- 1,000,000 waveforms/sec update rate
- Uncompromised MegaZoom IV smart memory
- Standard segmented memory



Experience the usability

Quickly debug your design with an oscilloscope designed for touch

- Industry's largest 12.1-inch display
- Only capacitive touch screen
- Exclusive InfiniiScan Zone touch triggering



Experience the integration

Get the power of 5 instruments in 1, fully upgradable

- Best-in-class oscilloscope
- Integrated 16 digital channels on MSO models
- Serial protocol analyzer (optional)
- Industry-exclusive WaveGen built-in, dual-channel function/arbitrary waveform generator (optional)
- Integrated 3-digit voltmeter (optional)

Key specifications

	Description
Bandwidth	200 MHz, 350 MHz, 500 MHz, 1 GHz, 1.5 GHz
Channels	2 or 4 analog channels (DSO) + 16 digital channels (MSO)
Sample rate	5 GSa/s
Memory	Standard 4 Mpts, Standard segmented memory
Display	12.1-inch capacitive touch display
Update rate	1,000,000 waveforms per second
Trigger	InfiniiScan Zone touch trigger 21 standard trigger modes
Upgradable	Bandwidth, MSO, integrated digital voltmeter, integrated dual-channel WaveGen, serial analysis, and other measurement applications
Warranty	3 year
Calibration	2-year interval
Connectivity	USB 2.0 (host x3, device x1), LAN, VGA out, GPIB (option)



Quick Fact Sheet

Agilent InfiniiVision 4000 X-Series Oscilloscopes

Industry-exclusive features ¹	Mean tangible advantages for you
1 million waveforms/sec update rate	You are able to see more signal detail and infrequent anomalies than with any other scope
Capacitive touch screen	Unprecedented usability speeds setup and debugging
InfiniiScan Zone touch triggering	Simply touch the display to trigger on anything you see
Standard segmented memory	Turns your scope into an efficient ultra-deep memory scope that captures only the events you care about
Complete oscilloscope upgradability	Protect your investment with the ability to add bandwidth, MSO, WaveGen, DVM, or serial bus debugging applications at any time after purchase

1. Embedded OS oscilloscope market.

Oscilloscope models

Model	Bandwidth	Max sample rate	Memory	Channels	MSRP
DSOX4022A	200 MHz	5 GSa/s	4 Mpts	2	\$5,600
MSOX4022A	200 MHz	5 GSa/s	4 Mpts	2 + 16	\$8,400
DSOX4024A	200 MHz	5 GSa/s	4 Mpts	4	\$7,000
MSOX4024A	200 MHz	5 GSa/s	4 Mpts	4 + 16	\$9,800
DSOX4032A	350 MHz	5 GSa/s	4 Mpts	2	\$8,700
MSOX4032A	350 MHz	5 GSa/s	4 Mpts	2 + 16	\$11,500
DSOX4034A	350 MHz	5 GSa/s	4 Mpts	4	\$10,900
MSOX4034A	350 MHz	5 GSa/s	4 Mpts	4 + 16	\$13,700
DSOX4052A	500 MHz	5 GSa/s	4 Mpts	2	\$11,400
MSOX4052A	500 MHz	5 GSa/s	4 Mpts	2 + 16	\$14,200
DSOX4054A	500 MHz	5 GSa/s	4 Mpts	4	\$14,200
MSOX4054A	500 MHz	5 GSa/s	4 Mpts	4 + 16	\$17,000
DSOX4104A	1 GHz	5 GSa/s	4 Mpts	4	\$17,200
MSOX4104A	1 GHz	5 GSa/s	4 Mpts	4 + 16	\$20,000
DSOX4154A	1.5 GHz	5 GSa/s	4 Mpts	4	\$19,200
MSOX4154A	1.5 GHz	5 GSa/s	4 Mpts	4 + 16	\$22,000

For more information please visit www.agilent.com/find/4000X-Series

Bandwidth and MSO upgrade options

Model	Description	MSRP
DSOX4B2T32U	Service center bandwidth upgrade from 200 to 350 MHz, 2 ch models	\$3,720
DSOX4B2T34U	Service center bandwidth upgrade from 200 to 350 MHz, 4 ch models	\$4,680
DSOX4B3T52U	Licensed bandwidth upgrade from 350 to 500 MHz, 2 ch models	\$3,240
DSOX4B3T54U	Licensed bandwidth upgrade from 350 to 500 MHz, 4 ch models	\$3,960
DSOX4B5T104U	Service center bandwidth upgrade from 500 MHz to 1 GHz, 4 ch models	\$3,600
DSOX4B1T154U	Service center bandwidth upgrade from 1 GHz to 1.5 GHz, 4 ch models	\$2,400
DSOX4B2T52U	Service center bandwidth upgrade from 200 to 500 MHz, 2 ch models	\$6,960
DSOX4B2T54U	Service center bandwidth upgrade from 200 to 500 MHz, 4 ch models	\$8,640
DSOX4B2T104U	Service center bandwidth upgrade from 200 to 1 GHz, 4 ch models	\$12,240
DSOX4B2T154U	Service center bandwidth upgrade from 200 to 1.5 GHz, 4 ch models	\$14,640
DSOX4B3T104U	Service center bandwidth upgrade from 350 to 1 GHz, 4 ch models	\$7,560
DSOX4B3T154U	Service center bandwidth upgrade from 350 to 1.5 GHz, 4 ch models	\$9,960
DSOX4B5T154U	Service center bandwidth upgrade from 500 to 1.5 GHz, 4 ch models	\$6,000
DSOXPERFMSO	DSO to MSO upgrade	\$2,800

Accessories

Model	Description	MSRP
N2750A	1.5 GHz InfiniiMode differential active probe	\$3,903
N2795A	1 GHz active single-ended probe (recommended)	\$1,042
N2763A	Rackmount kit	\$550
N2733A	Soft carrying case	\$183
N2894A	700 MHz 10:1 passive probe (1 per ch included standard)	\$380
N2821A	1-channel high-sensitivity current probe	\$3,000
N2820A	2-channel high-sensitivity current probe	\$4,000
N4865A	GPIB connection module	\$946
N6455A	Hard copy manual	\$51

For probing information, see the Agilent Oscilloscope Probes and Accessories Selection Guide, publication number 5989-6162EN.

Measurements options

Model	Description	MSRP
DSOX4AERO	MIL-STD 1553 & ARINC 429 serial triggering and analysis	\$1,530
DSOX4AUDIO	Audio serial triggering and analysis (I ² S)	\$1,530
DSOX4AUTO	Automotive serial triggering and analysis (CAN/LIN)	\$1,530
DSOX4COMP	Computer serial triggering and analysis (RS232/UART)	\$1,530
DSOX4EMBD	Embedded serial triggering and analysis (I ² C, SPI)	\$1,530
DSOX4FLEX	FlexRay serial triggering and analysis	\$1,530
DSOX4USBFL	USB 2.0 full/low speed serial decode and triggering	\$510
DSOX4USBH	USB 2.0 hi-speed serial decode and triggering	\$1,020
DSOX4USBSQ	USB 2.0 signal quality test	\$1,020
DSOXDVM	Integrated digital voltmeter (DVM)	\$76
DSOXEDK	Education and training kit	\$510
DSOX4FPGAX	FPGA dynamic probe option for Xilinx	\$1,530
DSOX4MASK	Mask limit testing	\$1,020
DSOX4PWR	Power analysis application	\$1,530
DSOX4VID	Enhanced video/TV application package	\$1,020
DSOX4WAVEGEN2	Dual-channel 20 MHz WaveGen function/arbitrary waveform generator	\$1,020
N8900A	InfiniiView oscilloscope analysis software	\$750
64997A	Agilent spectrum visualizer (ASV)	\$500
89601B	Vector signal analyzer software (Ver.16 and higher only)	\$10,928
33503A	BenchLink waveform builder pro and basic	\$765 (Basic is free)

