

InfiniiVision oscilloscopes



- Up to 1,000,000 waveforms/sec update rate
- MegaZoom IV ASIC: responsive, uncompromised smart memory
- Multiple instrument functionality
- Upgradeable: bandwidth, MSO, serial analysis, built-in WaveGen function generator, digital voltmeter and counter

BenchVue software enabled

www.keysight.com/find/infiniivision

MODEL	DESCRIPTION	BANDWIDTH	CHANNELS	SAMPLE RATE	MEMORY DEPTH	STANDARD WARRANTY	CALIBRATION PERIOD	SPECIAL TRIGGERS	BUILT-IN INSTRUMENTS*	
1000 X-Series 1000X Data Sheet Videos	Basic R&D bench – 50,000 wfms/s update rate – 7-inch display – Serial bus options	50 MHz to 100 MHz	2+1	Up to 2 GSa/s	Up to 1 Mpts and segmented memory standard	3 years	5 years	Serial protocol	20 MHz FG, 5-digit counter, and frequency response analyzer protocol analyzer	
2000 X-Series 2000X Data Sheet Videos	Basic R&D bench – 200,000 wfms/s update rate – 8.5-inch display – Serial bus options	70 MHz to 200 MHz	2, 2+8, 4, 4+8	Up to 2 GSa/s		5 years	2 years	Serial protocol	20 MHz FG, 5-digit counter protocol analyzer	
3000T X-Series 3000X Data Sheet Videos	Everything the 2000X has plus – 1,000,000 wfms/s update rate – Advanced math and power analysis – Capacitive touch screen	100 MHz to 1 GHz	2, 2+16, 4, 4+16	Up to 5 GSa/s	4 Mpts and segmented memory standard	3 years	3 years	Near Field Communication (NFC) Trigger, Serial protocol, Zone touch	20 MHz AWG, 8-digit counter, totalizer and frequency response analyzer protocol analyzer	
4000 X-Series 4000X Data Sheet Videos	Everything the 3000T has plus – 12.1-inch capacitive touch screen – FFT, USB 2.0 pre-compliance – Up to four active probes	200 MHz to 1.5 GHz							Up to 2 GSa/s	2 years
6000 X-Series 6000X Data Sheet Videos	Everything the 4000X has plus – 450,000 wfms/s update rate – Multi-touch display – Voice control – Jitter and real-time eye diagram analysis	1 GHz to 6 GHz		Up to 2 GSa/s				Serial protocol, Zone touch	Dual 20 MHz AWG, 10-digit counter, totalizer and frequency response analyzer protocol analyzer	

* All models have built-in protocol analyzer and 3-digit DVM.



InfiniiVision software applications

SERIAL PROTOCOLS AND TRIGGERING

I²C, SPI, RS232, UART, USB 2.0, CAN, CXPI, LIN, FlexRay, Audio, MIL-STD 1553, ARINC 429, and more

FEATURES

Dual-channel WaveGen, jitter, real-time eye diagram, integrated voltmeter, 10-digit counter, mask limits, USB signal quality, video/TV, power analysis, frequency response analysis via Bode plot, near field communication testing, and more.

See the complete list of apps at www.keysight.com/find/scope-apps

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