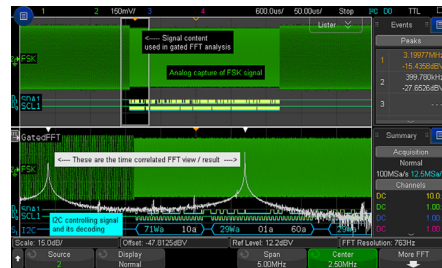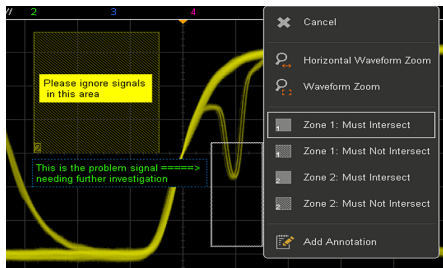# Keysight Streamline Series P924xA USB InfiniiVision Oscilloscopes

Compact Form. Zero compromise.

Key specifications

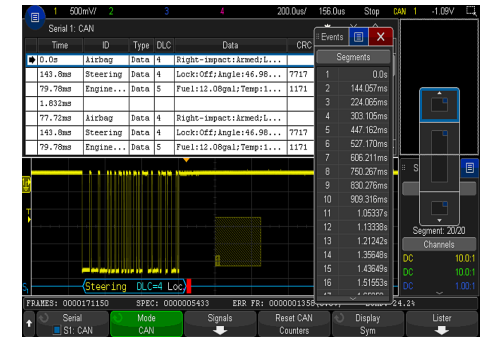| Product	Description
Bandwidth	200, 500 MHz, 1 GHz
Channels	2
Max sample rate	5 GSa/s
Max memory	4 Mpts
Wfm update rate	Up to 1,000,000 wfms/sec
Trigger	Zone trigger + 20 hardware based triggers for signal and protocol
Measurements	31 automatic measurements, plus Frequency Response Analysis (Bode)
WaveGen	20 MHz Arbitrary signal generator, includes AM/FM/FSK modulation
Serial Protocol support	I2C, RS-232/UART, CAN, CAN-FD, CAN symbolic, SENT, LIN, MIL-STD1553, ARINC429, USB-PD, NFC, Manchester, NRZ
Connectivity	Requires USB 3.0
Dimension	177 mm X 335 mm X 50 mm (7 x 13 x 2 in)
(WxDxH)/Weight	2.5 kg (5.5 lbs)

Exceptional Performance in a Small Package

– Get the same capabilities of a benchtop scope in a small USB form factor.
– Identical UI, measurements, and automated coding as InfiniiVision benchtop instruments
– Fast 1,000,000 wfms/sec update rate
– Advanced serial decoding
– Hardware-based zone trigger
– Standard segmented memory and advanced math
– 6-in-1 instrument: protocol analysis, FRA, arbitrary waveform generator, 3-digit DVM, 8-digit counter/totalizer
– Gated FFT and peak search

Easily transport to share between your test stations

Hardware based protocol analysis and triggering for 12 serial protocols

KEYSIGHT TECHNOLOGIES

Keysight Streamline Series P924xA USB InfiniiVision Oscilloscopes

Configuration

Model	Description
Frequency models	
P9241A	InfiniiVision USB oscilloscope, 2 channel, 200 MHz
P9242A	InfiniiVision USB oscilloscope, 2 channel, 500 MHz
P9243A	InfiniiVision USB oscilloscope, 2 channel, 1 GHz
Option AMG	Calibration Uncertainties Guardbanding (Accredited)
N2150A	CD, P924xA oscilloscope software and electronic manuals
Y1700A	1U side by side rackmount kit for Streamline series
Y1710A	Transit case for Streamline series

System Requirements

Processor Requirement	
Operating system	Windows 10 or Windows 7 SP1 (64 bit)
Processor speed	1.5 GHz dual core (x86 or x64) minimum; 2.4 GHz recommended.
Available memory	1 GB minimum; 8 GB recommended
Available disk space	2.5 GB available hard disk space minimum
Connection	USB 3.0
Required applications	Keysight IO Libraries Suite 2018 Update 0.2 Microsoft .NET Framework
Display minimum	1024 x 768, 96 or 120 DPI

Software Applications

Model[1]	Description
P9240BDLA	Application Bundle (includes all software applications)
P9240AWGA	20 MHz Arbitrary wave generator
P9240FRAA	Frequency Response Analyzer (Bode)
P9240MSKA	Mask limit testing
P9240VIDA	Enhanced Video /TV application
P9240EMBA	I2C Decode, triggering, and analysis
P9240AROA	MIL-STD 1553 and ARINC 429 Decode, triggering, and analysis
P9240CMPA	RS232/422/485/UART Decode, triggering, and analysis
P9240ATOA	Automotive CAN, CAN-FD, CAN-dbc, LIN Decode, triggering, and analysis
P9240SNSA	SENT (Single Edge Nibble Transmission) Decode, triggering, and analysis
P9240UPDA	USB-PD Decode, triggering and analysis
P9240CXPA	CXPI Decode, triggering, and analysis
P9240NFCA	NFC Triggering, and analysis
P9240NRZA	Manchester/NRZ Decode, triggering, and analysis

1. Software applications are available for all models (P9241A, P9242A, P9243A) with two license options
   -1FP   Fixed, perpetual license
   -1FY   Fixed, 1-year time-based license

Included Accessories	Description
2 x	N2843A Passive Probe, 10:1, 500 MHz, 1.2 m
1 x	Power supply

For additional information, please go to:

Keysight Streamline Series Scope   www.keysight.com/find/USB-Scope

Keysight Oscilloscopes   www.keysight.com/find/InfiniiVision

Keysight Assurance Plans
www.keysight.com/find/AssurancePlans
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.

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