D9011BDLP / D9020BDLP
Protocol Trigger and Decode Bundles

for Infiniium Oscilloscopes

These software package for Infiniium oscilloscopes gives you the ability to trigger and decode on dozens of signals, simplifying your configuration and providing massive savings.

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Product Overview

Serial buses are pervasive in today's digital designs and are used for a variety of purposes, including chip-to-chip communication, CPU to peripheral control, as well as for remote sensor data transfer and control. Without intelligent oscilloscope serial bus triggering and protocol decode, it can be difficult to debug these buses and correlate data transfers with other mixed signal interactions in your system.

The D9011BDLP Basic Protocol Decode Bundle is designed for the Infiniium S-Series and MXR-Series families, and bundles protocol triggering and decodes from five packages. The D9020BDLP Complete Protocol Decode Bundle is designed for Infiniium V-Series, Z-Series, and UXR-Series families, and bundles every available protocol trigger and decode available.

What is Included

Package	Description	Protocols Supported	Included in... D9011BDLP	Included in... D9020BDLP
D9010LSSP	Low Speed Serial	I2C, SPI, Quad SPI, eSPI, RS232, UART, JTAG, I2S, SVID, Manchester, MDIO	✔	✔
D9010EMBP	Embedded Design	USB 2.0, eUSB2, USB-PD, 10/100 Ethernet, PCIe Gen 1/2	✔	✔
D9010MILP	Military / Aerospace	ARINC 429, MIL-STD-1553, SpaceWire	✔	✔
D9010AUTP	Automotive (Low Speed)	CAN, CAN-FD, LIN, SENT	✔	✔
D9020AUTP	Automotive (High Speed)	100BASE-T1, BroadR-Reach		✔
D9010MPLP	MIPI (Low Speed)	RFEE, I3C, SPMI	✔	✔
D9010MPMP	MIPI (High Speed)	DigRF, LLI, CSI-3, UniPro, UFS, SSIC		✔
D9010MCDP	MIPI (C-PHY, D-PHY)	MIPI C-PHY, MIPI D-PHY		✔
D9010USBP	USB	USB4, USB 3.x, USB 2.0, eUSB2, USB-PD		✔
D9010PCIP	PCI Express	PCIe Gen 1/2/3/4/5, SATA, SAS		✔
D9010EKRP	64b/66b and Link Training	10G/100GBASE-KR 64b/66b, Link Training		✔

Keysight is constantly enhancing our protocol trigger and decode packages, so please refer to the data sheet for a specific package for more details. Additionally, each protocol has specific requirements for the minimum bandwidth it will run on, as well as recommended probes, accessories and test fixtures. All of this information is contained on the datasheets for the package they belong to, located at Keysight.com.

Finally, please note that D9011BDLP and D9020BDLP are only offered as a perpetual, node-locked license. This means it cannot be shared between different oscilloscopes. If this is required, please purchase the separate packages noted below, which are available in all different types and terms. See the Ordering Information section for more information.

What to Order

Each package applies to different models, so please cross reference this chart to ensure compatibility.

Infiniium Family	D9011BDLP
9000 Series	✔
S-Series	✔
MXR-Series	✔
EXR-Series	✔

Infiniium Family	D9020BDLP
90000 Series	✔
V-Series	✔
Z-Series	✔
UXR-Series	✔

Ordering Information and Related Literature
Flexible Software Licensing and KeysightCare Software Support Subscriptions

Keysight offers a variety of flexible licensing options to fit your needs and budget. Choose your license term, license type, and KeysightCare software support subscription.

PLEASE NOTE THAT SPECIAL RESTRICTIONS TO D9011BDLP and D9020BDLP APPLY. It can only be configured as node-locked license type. If you need the flexibility of Transportable, USB Portable or Floating, consider the individual packages listed at the beginning of this document.

License Terms

Perpetual – Perpetual licenses can be used indefinitely.
Subscription – Subscription licenses can be used through the term of the license only (6, 12, 24, or 36 months).

License Types

Node-locked – License can be used on one specified instrument/computer.
Transportable – License can be used on one instrument/computer at a time but may be transferred to another using Keysight Software Manager (internet connection required).
USB Portable – License can be used on one instrument/computer at a time but may be transferred to another using a certified USB dongle (available for additional purchase with Keysight part number E8900-D10).
Floating (single site, regional, or worldwide) – Networked instruments/computers can access a license from a server one at a time. Multiple licenses can be purchased for concurrent usage.

KeysightCare Software Support Subscription provides peace of mind amid evolving technologies.

- Ensure your software is always current with the latest enhancements and measurement standards.
- Gain additional insight into your problems with live access to our team of technical experts.
- Stay on schedule with fast turnaround times and priority escalations when you need support.

KeysightCare Software Support Subscriptions

Perpetual licenses are sold with a 12 (default), 24, 36, or 60-month software support subscription. Support subscriptions can be renewed for a fee after that.
Time-based licenses include a software support subscription through the term of the license.

Selecting your license

Step 1. Choose your software product (eg. D9011BDLP).
Step 2. Choose your license term: perpetual or time-based.
Step 3. Choose your license type: node-locked, transportable, USB portable, or floating.
Step 4. Depending on the license term, choose your support subscription duration.

NOTE: D9011BDLP and D9020BDLP are only available as node-locked.

Examples

If you selected:	Your quote will look like:	
D9011BDLP node-locked perpetual license with a 12-month support subscription	**Part Number**	**Description**
	D9011BDLP	Basic Infiniium Protocol Decode/Trigger Bundle
	R-B5P-001-A	Node-locked perpetual license
	R-B6P-001-L	KeysightCare software support subscription, node-locked–12 months

To configure your product and request a quote:
http://www.keysight.com/find/software
Contact your Keysight representative or authorized partner for more information or to place an order:
www.keysight.com/find/contactus

Related literature

Type	Description / URL
Data Sheet	Infiniium MXR-Series (500 MHz to 6 GHz, 4 or 8 channel real time oscilloscope)
Brochure	Infiniium V-Series (8 GHz to 33 GHz real time oscilloscope)
Data Sheet	Infiniium UXR Series (13 GHz to 110 GHz real time oscilloscope)
Brochure	30 Things Only Infiniium Oscilloscopes Can Do

Learn more at: www.keysight.com

For more information on Keysight Technologies' products, applications or services, please contact your local Keysight office. The complete list is available at:
www.keysight.com/find/contactus

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