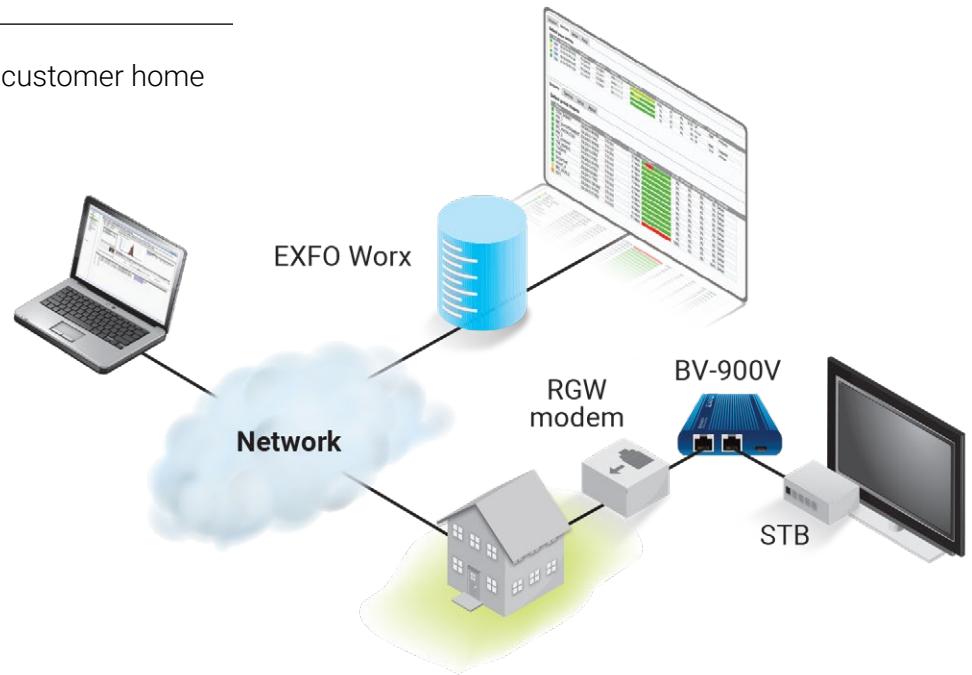


BV-900V

HOME VERIFIER

- Designed for real-time analysis of customer home network performance.



KEY FEATURES

Reduces operational costs by minimizing truck rolls; it pays for itself on the first call

So small it fits into an envelope, simply mail it to subscribers

Dedicated hardware so you do not have to mess with the set-top box (STB)

Runs off the STB power supply (or optionally its own)

No setup required, customer installed

STB-independent

24/7 operation and instant performance feedback

24/7 MONITORING: FROM THE HEADEND TO THE CUSTOMER HOME

The BV-900V Home Verifier is a breakthrough technology in form factor and functionality for real-time analysis of customer home network performance. This unobtrusive device provides comprehensive packet inspection and end-to-end visibility in broadcast quality media delivery over any IP-based infrastructure.

Combined with the EXFO HomeVision server (a component of the EXFO Vision video monitoring system), operators can now maintain 24/7 confidence monitoring from the headend to the customer home. The BV-900V will allow you to reduce your operational costs by minimizing truck rolls as it is literally plug and play—simply mail a Home Verifier to the subscriber; no setup knowledge is required.

Upon installation, the BV-900V is auto discoverable and your operations center will be ready to go. Once plugged in, you will never have to touch the Home Verifier again; just let it go on running. Small in size, it provides instant performance feedback on video quality, packet delivery analysis and STB performance and communications.

As home networking environments are becoming more complex, it is almost impossible to identify whether the problems are due to the home infrastructure or the network. The introduction of new devices and new services (data, voice and video) compound the whole complexity and error identification process even further. The Home Verifier is a revolution in thinking. On-going monitoring at the customer site as a part of a network-wide monitoring process is an affordable proposition.

Sending an engineer on-site assumes the problem will manifest itself during the customer call, which is often not the case. Since the Home Verifier comes on its own hardware that is secure, low cost and non-service affecting, it sidesteps all of the legal, commercial and maintenance risks of hosting software.

The Home Verifier forwards alarm states to its own server system, the HomeVision server. The whole process is automated and fits into the overall architecture of the EXFO Vision system. Not only will the operator be able to look at the network's endpoints, but he will also enjoy a system-wide overview by using the industrial strength of the EXFO video verifiers. Pinpointing potential and actual problems before they become service affecting is the only way to lower service costs and hinder subscriber churn.

Packaged as a complete turnkey system, a Home Verifier system consists of Home Verifier devices and the monitoring software known as EXFO HomeVision (a component of the EXFO Vision system). The system can be expanded to an unlimited number of Home Verifier devices. Each Home Verifier system can be pre- or retro-fitted to any installation, irrespective of STB and network architecture.

SPECIFICATIONS

ENVIRONMENTAL

Temperature	Operating	0 °C to 50 °C (32 °F to 122 °F)
	Storage	-20 °C to 70 °C (-4 °F to 158 °F)
Relative humidity		5 to 95% non-condensing
Operating altitude		4000 m maximum (13 000 ft)

CONNECTOR

10/100T	RJ-45 input
10/100T	RJ-45 output
USB port	

POWER

Power dissipated by module	<2.5 W
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CONTROL AND MANAGEMENT

Controlled via EXFO HomeVision

PHYSICAL

Size (H x W x D)	20 mm x 70 mm x 130 mm (0.78 in x 2.75 in x 5.20 in)
Weight	<0.1 kg (0.22lb)

EXFO headquarters T +1 418 683-0211 **Toll-free** +1 800 663-3936 (USA and Canada)

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