

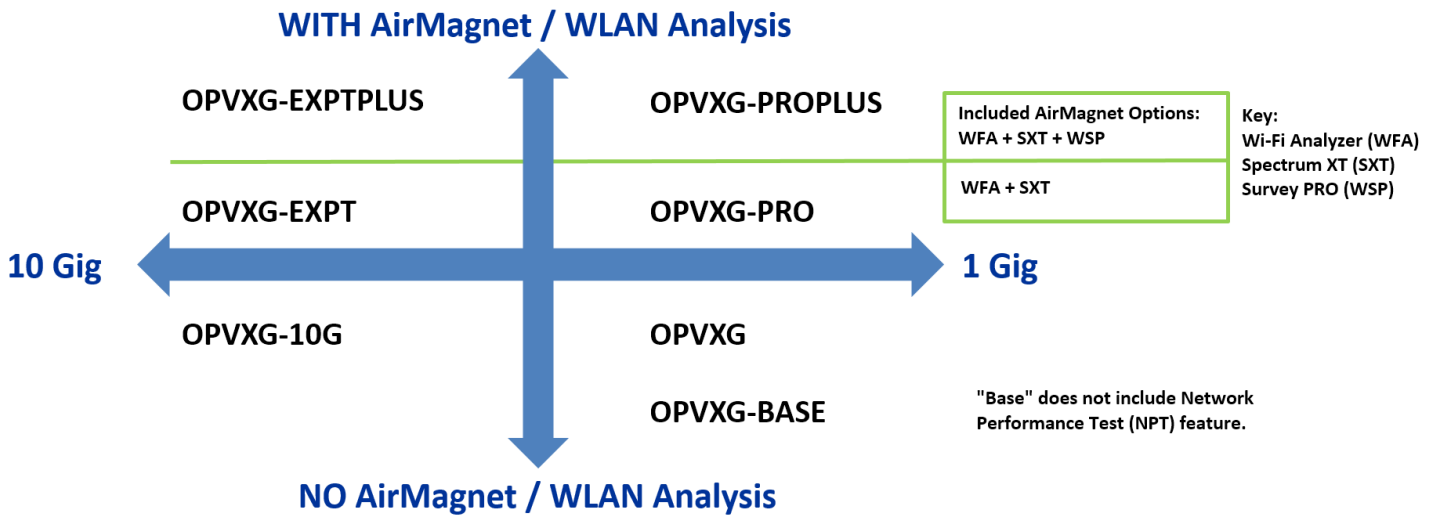
OptiView® XG v14 Configuration Guide



This OptiView configuration guide will help you choose the right model for your requirements, and determine which measurement options, accessories and services to include with your analyzer.

Configure your OptiView XG Network Analysis Tablet

There are two essential choices in configuring your analyzer: 1) 1 Gig or 10 Gig wired analysis, and 2) with or without the AirMagnet Mobile WLAN analysis software. If choosing "WITH WIRELESS" then you will select the appropriate software models. The following chart illustrates these choices:



BASE MAINFRAMES

Model	Description	Notes
OPVXG-BASE	OPTIVIEW XG, 1 GIG NETWORK ANALYSIS TABLET WITHOUT NPT FEATURE	This model has the Network Performance Test (NPT) feature disabled
OPVXG	OPTIVIEW XG, 1 GIG NETWORK ANALYSIS TABLET	1 Gig wired analysis only
OPVXG-LAN	OPTIVIEW XG - LAN, 1 GIG NETWORK ANALYSIS TABLET (NO WLAN CONNECTIVITY)	For customers who cannot have WLAN devices*
OPVXG-10G	OPTIVIEW XG, 10 GIG NETWORK ANALYSIS TABLET	10 Gig wired analysis only
OPVXG-LAN-10G	OPTIVIEW XG - LAN, 10 GIG NETWORK ANALYSIS TABLET (NO WLAN CONNECTIVITY)	For customers who cannot have WLAN devices*
OPVXG-PRO	OPTIVIEW XG, 1 GIG NETWORK ANALYSIS TABLET WITH WIRELESS OPTION	Includes WFA and SXT
OPVXG-PROPLUS	OPTIVIEW XG, 1 GIG NETWORK ANALYSIS TABLET W/ALL WLAN OPTIONS	Includes WFA, SXT and WSP
OPVXG-EXPT	OPTIVIEW XG, 10 GIG NETWORK ANALYSIS TABLET WITH WIRELESS OPTIONS	Includes WFA and SXT
OPVXG-EXPTPLUS	OPTIVIEW XG, 10 GIG NETWORK ANALYSIS TABLET, W/ALL WLAN OPTIONS	Includes WFA, SXT and WSP

**"LAN" models have the wireless adapters disabled at the factory. These are intended for customers who, by policy, are not permitted to have devices that have WLAN capability. If desired, the wireless adapters can be enabled via a factory-supplied keycode at a later date; order model OPVXG-RADIO-ON.*

OptiView XG Network Analysis Tablet is a regulated test instrument and is approved for shipment and sale into the following countries.

Australia, Austria, Barbados, Belarus, Belgium, Bolivia, Brazil, Bulgaria, Canada, China, Colombia, Costa Rica, Czech Republic, Denmark, Ecuador, Estonia, Finland, France, Germany, Greece, Guatemala, Haiti, Hong Kong, Hungary, India, Ireland, Italy, Jamaica, Japan, Kazakhstan, Korea, Latvia, Lithuania, Luxembourg, Malaysia, Malta, Mauritius, Mexico, Nepal, Netherlands, New Zealand, Norway, Panama, Peru, Philippines, Poland, Portugal, Puerto Rico, Qatar, Republic of Cyprus, Romania, Russian Federation, Saudi Arabia, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Arab Emirates, United Kingdom, United States, Uruguay, Venezuela, Vietnam.

All OptiView XG models include the following: Leather carrying case with extra storage, shoulder and hand straps, AC adapter/charger, stylus, Getting Started Guide, USB memory stick, 2 m (6') shielded twisted-pair patch cord, and internal removable hard drive. 1 gig wired models include "SR" type multi-mode fiber SFP module. 10 gig models also include "SR" type multi-mode fiber SFP+ module. Single-mode modules can be purchased separately.

WIRELESS ONLY MAINFRAME

If your needs entail ONLY wireless LAN analysis (802.11a/b/g/n/ac), but you prefer a dedicated tablet with multiple integrated radios over the use of a laptop or off-the-shelf tablet, the WLAN-only model of OptiView XG is an excellent choice. These models can be upgraded later to full wired analysis (via keycode upgrade, see options below).

Model	Description	Notes
OPVXG-WL-PROPLUS	OPTIVIEW XG-WL-PRO WITH SURVEY PRO ADDED	Wireless Only XG
OPVXG-WL-PRO-UGD	Adds 1 Gig Wired Capability to a Wireless Only OptiView	if under MasterCare Support, this upgrade will require a change of support level
OPVXG-WL-EXPT-UGD	Add 10 Gig Wired Capability to a Wireless Only OptiView	if under MasterCare Support, this upgrade will require a change of support level

Model Comparison Chart

	Wired Analysis				Wireless Analysis				
	1 Gig	10 Gig	Performance Testing	Link to WLAN*	WLAN Radios Disabled	External Antennae Included?	AirMagnet Mobile Components		
							WiFi Analyzer	Spectrum XT	Survey PRO
OPVXG-WL-PROPLUS	—	—	—	—	—	✓	✓	✓	✓
OPVXG-BASE	✓	—	—	✓	—	—	—	—	—
OPVXG	✓	—	✓	✓	—	—	—	—	—
OPVXG-LAN	✓	—	✓	—	✓	—	—	—	—
OPVXG-10G	✓	✓	✓	✓	—	—	—	—	—
OPVXG-LAN-10G	✓	✓	✓	—	✓	—	—	—	—
OPVXG-PRO	✓	—	✓	✓	—	✓	✓	✓	—
OPVXG-PROPLUS	✓	—	✓	✓	—	✓	✓	✓	✓
OPVXG-EXPT	✓	✓	✓	✓	—	✓	✓	✓	—
OPVXG-EXPTPLUS	✓	✓	✓	✓	—	✓	✓	✓	✓

*Can connect as WLAN client, discover via WLAN port, and be managed remotely with Remote UI via WLAN connection

NETWORK PERFORMANCE TEST ENDPOINT OPTIONS



Model	Description	Notes
LRAT-2000	LinkRunner™ AT 2000 Network Auto-Tester	Works as a 1 Gbps, full line-rate reflector for the OptiView XG NPT feature (roundtrip testing)
OPVXG-1T10G	OneTouch AT 10G Network Assistant	Use for 10 Gbps performance testing with OptiView XG (supports 4 streams of test traffic). Includes module and test frame, 1G SX SFP fiber transceiver, and 10G SR SFP+ fiber transceiver
Any OPVXG (except OPVXG-BASE and OPVXG-WL-PROPLUS)	OptiView XG Network Analysis Tablet	Use for 1 Gbps or 10 Gbps (depending on model) performance testing (supports 8 streams of test traffic)

HARDWARE AND SOFTWARE OPTIONS

If one of the preconfigured mainframes does not fit your needs exactly, you can customize your OptiView XG with individual hardware and software options. Note, if adding an individual option to an XG with MasterCare Support, separate MasterCare Support will be required on the option (the option is not covered by the mainframe MasterCare Support).

Model	Description
OPVXG-10G-OPT	10G OPTION FOR OPTIVIEW XG (Adds 10G to 1G models. Includes "SR" 10G SFP+ module and keycode for activating 10G function)
OPVXG-10G-ADAPT	10GBASE-T (802.3AN) 10 GIG ADAPTER FOR OPTIVIEW XG
OPVXG-10G-ADAPT-EK	OPVXG-10G-ADAPT ENHANCEMENT KIT (for XG units purchased prior to September 2013)
OPVXG-NPT-OPT	Adds Network Performance Test (NPT) function to OPVXG-BASE mainframe.
OPVXG-SXT	OPTIVIEW AIRMAGNET SPECTRUM XT
OPVXG-WFA	OPTIVIEW AIRMAGNET WIFI ANALYZER
OPVXG-WSP	OPTIVIEW WIRELESS SURVEY & PLANNING SUITE
OPVXG-WL	OPTIVIEW WLAN SUITE, SURVEY, PLANNER, SPECTRUM XT AND WIFI ANALYZER
AM/A6001	AirMagnet Spectrum ES™ speeds in-building cellular deployments. Rich spectrum graphs with next generation visualization and enhanced in-field productivity features provide intuitive network visibility needed to validate and troubleshoot at every project stage. Scans frequencies between 698 MHz & 2690 MHz (supports 2G/3G/4G).

What do you get with MasterCare Support for your OptiView XG Network Analysis Tablet?

- 24x7 access to award-winning technical support from SSPA-certified NETSCOUT support engineers**
- One hour priority response on technical support calls
- Access to software and firmware updates for covered products
- Increased investment protection with advanced replacement or onsite repair of hardware*
- Registered access to self-help on the MasterCare Portal for technical answers anytime
- Up-to-date knowledge transfer and best practices via NETSCOUT's Online Learning Center
- Free subscriptions to the MasterCare Newsletter and Bulletins
- 50% off unlimited registrations to NETSCOUT's User Forum (NUF) conference

* Advanced replacement is not available on all hardware models. Check www.netscout.com/support for details. Onsite repair may be provided by a third party and subject to parts availability and geographical restrictions. Same day service is not available in all areas. Service timing is dependent upon the time of day that NETSCOUT initiates a call to the third party providing the onsite repair.

** Live phone support 8:00 am – 8:00 pm EST for North America and 8:00 am – 5:00 pm local time for all other regions; after hour service for Severity 1 issues by telephone only.

See www.netscout.com/support for details.

ADD ACCESSORIES

Model	Description
OPVXG-ACCKIT	Accessory kit for OptiView XG. Contains battery charger bundle (OPVXG-BATT-KIT), hard carry case (OPVXG-HCASE), keyboard (OPVXG-KB), extra power supply (OPVXG-PS), spare hard drive (OPVXG-RHD), and protective sleeve (OPVXG-SLEEVE)
OPVXG-STYLUS	Passive Stylus For OptiView XG
OPVXG-STRAPS	Straps, Hand And Shoulder For OptiView XG
OPVXG-HCASE	Hard Carry Case For OptiView XG
OPVXG-CCASE	Carry Case With Shoulder Strap For OptiView XG
OPVXG-SLEEVE	Protective Sleeve For OptiView XG
OPVXG-KB	Mini Keyboard For OptiView XG
OPVXG-PS	Power Supply For OptiView XG
OPVXG-BATTERY	Battery Set For OptiView XG
OPVXG-CHARGER	Battery Charger For OptiView XG
OPVXG-BATT-KIT	Battery And Charger Bundle For OptiView XG
OPV-OMNI-ANT	Omni Directional Antenna For OptiView XG
OPV-DIRECT-ANT	Directional Antenna Kit For OptiView XG
OPV-SFP-100FX	100BASE-FX FIBER SFP (Use in Network Under Test Port C for 100Mbps fiber connectivity)
SFP-1000SX	1000BASE-SX Fiber SFP transceiver with DDM (850 nm, multi-mode)
SFP-1000LX	1000BASE-LX Fiber SFP transceiver with DDM (1310 nm, single-mode)
SFP-1000ZX	1000BASE-LZ Fiber SFP transceiver with DDM (1550 nm, single-mode)
OPVXG-SFP-PLUS-SR	Optical Transceiver Module, SFP+, 10GBASE-SR (850 nm, multi-mode)
OPVXG-SFP-PLUS-LR	Optical Transceiver Module, SFP+, 10GBASE-LR (1310 nm, single-mode)
OPVXG-SFP-PLUS-LRM	Optical Transceiver Module, SFP+, 10GBASE-LRM (1310 nm, multi-mode)
OPVXG-RHD	240G Removable Hard Drive for OptiView XG (spare)

For more product information and to see our complete line of NETSCOUT Solutions, visit us at enterprise.netscout.com