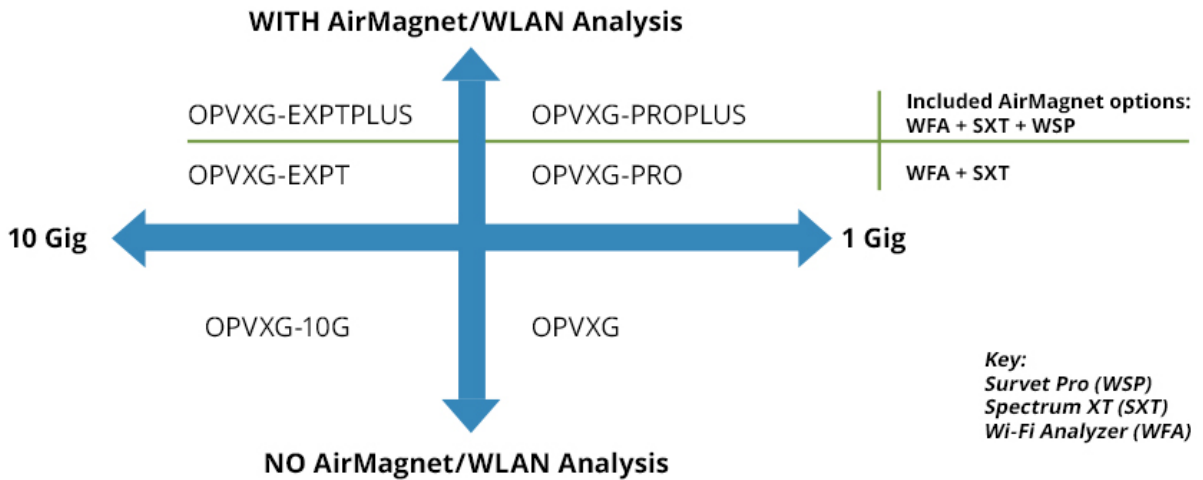# NETSCOUT.

**OptiView® XG v13 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:

**WITH AirMagnet/WLAN Analysis**

| OPVXG-EXPTPLUS | OPVXG-PROPLUS | Included AirMagnet options: WFA + SXT + WSP |
| OPVXG-EXPT | OPVXG-PRO | WFA + SXT |

**10 Gig ← → 1 Gig**

| OPVXG-10G | OPVXG |

**NO AirMagnet/WLAN Analysis**

Key:
Survet Pro (WSP)
Spectrum XT (SXT)
Wi-Fi Analyzer (WFA)

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## BASE MAINFRAMES

| Model | Description | Notes |
|---|---|---|
| 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 |
| OPVXG-10G-OPT | 10G OPTION FOR OPTIVIEW XG | Adds 10G to 1G models. Includes "SR" 10G SFP+ module and keycode for activating 10G function |

*"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 Trade In Models

| Model | Description |
|---|---|
| OPVS-XG-TI | Use for trading up from OptiView Series 2 or Series 3 |
| OPVS-XG-TI-NGLD | Use for trading up from OptiView Management Appliance (OMA), OptiView Workgroup Analyzer (WGA), OptiView Series 1 (Classic) or from competitive products |

**OptiView XG Network Analysis Tablet is a regulated test instrument and is approved for shipment and sale into the following countries. Effective October 23, 2015.**

Australia, Austria, Barbados, Belarus, Belgium, Bolivia, Brazil, Bulgaria, Canada, Chile, 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.

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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 MAINFRAMES

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 models of OptiView XG are an excellent choice. These models can be upgraded later to full wired analysis (via keycode upgrade, see options below).

| Model | Description | Notes |
|---|---|---|
| OPVXG-WL-PRO | OPTIVIEW XG WIRELESS ANALYSIS TABLET, WITH WFA AND SPECTRUM XT | Wireless Only XG |
| OPVXG-WL-PROPLUS | OPTIVIEW XG-WL-PRO WITH SURVEYPRO ADDED | Wireless Only XG |
| OPVXG-WL-WSPI | OPV XG WLAN ANALYZER, W/ WSP AND SXT | Wireless Only XG |
| OPVXG-WL-PRO-UGD | Adds 1 Gig Wired Capability to a Wireless Only OptiView | if under Gold 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 Gold Support, this upgrade will require a change of support level |

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## Model Comparison Chart

| | Wired Analysis | | | Wireless Analysis | | | AirMagnet Mobile Components | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 Gig | 10 Gig | Performance /Throughput Testing | Link to WLAN* | WLAN Radios Disabled | External Antennae Included? | WiFi Analyzer | Spectrum XT | SurveyPro |
| OPVXG-WL-PRO | — | — | — | — | — | ✓ | ✓ | ✓ | — |
| OPVXG-WL-PROPLUS | — | — | — | — | — | ✓ | ✓ | ✓ | ✓ |
| OPVXG-WL-WSPI | — | — | — | — | — | ✓ | — | ✓ | ✓ |
| 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

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OptiView XG

OneTouch 10G AT

LinkRunner AT

OptiView XG

## NETWORK PERFORMANCE TEST 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) |
| 1T10G-1000 | OneTouch AT 10G Network Assistant | Use for 10 Gbps performance testing with OptiView XG. Includes module and test frame, 1G SX SFP fiber transceiver, 10G SR SFP+ fiber transceiver, SD card, frame carry strap, hand strap, AC adapter and line cord, RJ45 patch cable, carrying case, getting started guide, and resource CD with user manual |
| 1T10G-1000/GLD | OneTouch AT 1T10G-1000 including 1 year of Gold Support | Available in the United States only |
| 1T10G-1000/GLD3 | OneTouch AT 1T10G-1000 including 3 years of Gold Support | Available in the United States only |
| 1T10G-1000-MOD | OneTouch AT 10G Network Assistant Module | OneTouch 10G module for use on existing Versiv platform. Includes module only, 1G SX SFP fiber transceiver, 10G SR SFP+ fiber transceiver, SD card, RJ45 patch cable, getting started guide, and resource CD with user manual |
| XG-EXPT-1T10G | 10G Performance Test Kit with Wireless Analysis | Contains: OptiView 10 Gig tablet with WLAN options (OPVXG-EXPT) plus OneTouch AT 10G Network Assistant for network performance testing with OptiView XG (1T10G-1000) |
| XG-EXPT-1T10G/GLD | XG-EXPT-1T10G including 1 year of Gold Support | Available in the United States only |
| XG-EXPT-1T10G/GLD3 | XG-EXPT-1T10G including 3 years of Gold Support | Available in the United States only |
| XG-10G-1T10G | 10G Performance Test Kit | Contains: OptiView 10 Gig tablet (OPVXG-10G) plus OneTouch AT 10G Network Assistant (1T10G-1000) for network performance testing with OptiView XG |
| XG-10G-1T10G/GLD | XG-10G-1T10G including 1 year of Gold Support | Available in the United States only |
| XG-10G-1T10G/GLD3 | XG-10G-1T10G including 3 years of Gold Support | Includes WFA and SXT |

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## 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 Gold Support, separate Gold Support will be required on the option (the option is not covered by the mainframe Gold 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)10GIG ADAPTER FOR OPTIVIEW XG |
| OPVXG-10G-ADAPT-EK | OPVXG-10G-ADAPT ENHANCEMENT KIT (for XG units purchased prior to September 2013) |
| GLD-OPVXG-10G-ADAPT | 1 YR GOLD SUPPORT FOR 10G-ADAPT |
| GLD3-OPVXG-10G-ADAPT | 3 YR GOLD SUPPORT FOR 10G-ADAPT |
| 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). |
| GLD-S6001 | 1 YR GOLD SUPPORT for AirMagnet Spectrum ES (AM/A6001) |
| GLD-S6001-3Y-G | 3 YR GOLD SUPPORT for AirMagnet Spectrum ES (AM/A6001) |
| GLD-OPVXG-SXT | 1 YR GOLD SUPPORT, OPVXG-SXT |
| GLD3-OPVXG-SXT | 3 YR GOLD SUPPORT, OPVXG-SXT |
| GLD-OPVXG-WFA | 1 YR GOLD SUPPORT, OPVXG-WFA |
| GLD3-OPVXG-WFA | 3 YR GOLD SUPPORT, OPVXG-WFA |
| GLD-OPVXG-WSP | 1 YR GOLD SUPPORT, OPVXG-WSP |
| GLD3-OPVXG-WSP | 3 YR GOLD SUPPORT, OPVXG-WSP |
| GLD-OPVXG-WL | 1 YR GOLD SUPPORT, OPVXG-WL |
| GLD3-OPVXG-WL | 3 YR GOLD SUPPORT, OPVXG-WL |

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## ADD GOLD SUPPORT

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

- **Repairs and loaner equipment** - If your OptiView XG should fail, we will deliver a loaner unit via next business day delivery* to keep you up and running. We'll repair your OptiView XG and replace defective or faulty parts and accessories at no charge, with "first on bench priority", and return it to you - all shipping paid by NETSCOUT
- **Software upgrades** - You will receive all software upgrades free of charge
- **Access to live 24 x 7 technical support** - Gold Support includes direct, immediate telephone access to our world-class Technical Assistance Center (TAC); direct access only available to Gold Members
- **Accessory Replacement** - The normal warranty on accessories is 90 days, but parts and accessories including the OptiView XG batteries will be replaced free of charge with Gold Support once qualified as defective by our Technical Assistance Center
- **OptiView XG Gold Support Members Online Training** - Gold Support Members have access to exclusive on-line training modules
- **Member Only promotions** - Your membership qualifies you for Members Only promotions and programs
  *\* Not available in all countries. Contact your sales representative for details.*

### GOLD SUPPORT (1 or 3 year) FOR OPTIVIEW XG MAINFRAMES

| Model | Description |
|---|---|
| GLD-OPVXG-WL-PLUS | 1 YR GOLD SUPPORT, OPVXG-WL-PROPLUS |
| GLD3-OPVXG-WL-PLUS | 3 YR GOLD SUPPORT, OPVXG-WL-PLUS |
| GLD-OPVXG-WL-PRO | 1 YR GOLD SUPPORT, OPVXG-WL-PRO |
| GLD3-OPVXG-WL-PRO | 3 YR GOLD SUPPORT, OPVXG-WL-PRO |
| GLD-OPVXG-WL-WSPI | 1 YR GOLD SUPPORT, OPVXG-WL-WSPI |
| GLD3-OPVXG-WL-WSPI | 3 YR GOLD SUPPORT, OPVXG-WL-WSPI |
| GLD-OPVXG | 1 YR GOLD SUPPORT, OPVXG-1GB |
| GLD3-OPVXG | 3 YR GOLD SUPPORT, OPVXG-1GB |
| GLD-OPVXG-LAN | 1 YR GOLD SUPPORT,OPVXG-LAN |
| GLD3-OPVXG-LAN | 3 YR GOLD SUPPORT, OPVXG-LAN |
| GLD-OPVXG-10G | 1 YR GOLD SUPPORT, OPVXG-10GB |
| GLD3-OPVXG-10G | 3 YR GOLD SUPPORT, OPVXG-10G |
| GLD-OPVXG-LAN-10G | 1 YR GOLD SUPPORT, OPVXG-LAN-10G |
| GLD3-OPVXG-LAN-10G | 3 YR GOLD SUPPORT, OPVXG-LAN-10G |
| GLD-OPVXG-PRO | 1 YR GOLD SUPPORT, OPVXG -PRO |
| GLD3-OPVXG-PRO | 3 YR GOLD SUPPORT, OPVXG-PRO |
| GLD-OPVXG-PROPLUS | 1 YR GOLD SUPPORT, OPVXG-PROPLUS |
| GLD3-OPVXG-PROPLUS | 3 YR GOLD SUPPORT, OPVXG-PROPLUS |
| GLD-OPVXG-EXPT | 1 YR GOLD SUPPORT, OPVXG- EXPERT |
| GLD3-OPVXG-EXPT | 3 YR GOLD SUPPORT, OPVXG-EXPT |
| GLD-OPVG-EXPTPLUS | 1 YR GOLD SUPPORT, OPVXG-EXPT-PLUS |
| GLD3-OPVG-EXPTPLUS | 3 YR GOLD SUPPORT, OPVXG-EXPT-PLUS |

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**OPTIVIEW XG MAINFRAMES BUNDLED WITH GOLD SUPPORT (Available in U.S. Only)**

| Model | Description |
|---|---|
| OPVXG/GLD | OPTIVIEW XG, NETWORK ANALYSIS TABLET WITH 1 YR GOLD SUPPORT |
| OPVXG-10G/GLD | OPTIVIEW XG, 10GB NETWORK ANALYSIS TABLET WITH 1 YR GOLD SUPPORT |
| OPVXG-PRO/GLD | OPTIVIEW XG, NETWORK ANALYSIS TABLET W/WIRELESS OPTION, 1 YR GLD SUPPORT |
| OPVXG-PROPLUS/GLD | OPTIVIEW XG PROPLUS, WITH 1 YR GOLD SUPPORT |
| OPVXG-EXPT/GLD | NETWORK ANALYSIS TABLET, 10GB W/WIRELESS OPTION, 1 YR GLD SUPPORT |
| OPVXG-EXPTPLUS/GLD | OPTIVIEW XG EXPTPLUS WITH 1 YR GOLD SUPPORT |

## 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,850nm, multi-mode |
| OPVXG-SFP-PLUS-LR | Optical Transceiver Module, SFP+,10GBASE-LR,1310nm, single-mode |
| OPVXG-SFP-PLUS-LRM | Optical Transceiver Module, SFP+,10GBASE-LRM,1310nm, 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**