

NETXPERT XG2



Performance tester from 1 to 10Gb/s for all Ethernet applications

High data transmission rates of up to 10Gb/s Ethernet and new Power-over-Ethernet applications up to 90W lead to completely new challenges in structured cabling.

NetXpert XG2 provides comprehensive active and passive network testing up to 10Gb/s for qualification, commissioning and troubleshooting on copper and fiber cabling. At the same time, NetXpert XG2 offers the highest reliability of results thanks to the unique combination of up to four different test methods for the evaluation of a data link.



MODEL	Active network tests				Passive qualification		
	1 Gb/s	2.5/5 Gb/s	10 Gb/s	Wi-Fi	1 Gb/s	2.5/5 Gb/s	10 Gb/s
XG2 - 1G NX_XG2_1G	CU FO			Wi-Fi	CU		
XG2 - 2,5/5G NX_XG2_25_5G	CU FO	CU		Wi-Fi	CU	CU	
XG2 - 10G NX_XG2_10G	CU FO	CU	CU FO	Wi-Fi	CU	CU	CU

⬡ Copper
 ⬡ Fiber Optic (1 Gb/s and 10Gb/s via SPF ports)
 ⬡ Wi-Fi



STANDARD SCOPE OF DELIVERY

- 1 NetXpert XG2 main unit
- 1 Active Remote
- 2 Power supply
- 2 RJ45 Cat 6A test cables, shielded
- 1 Hard-shell case
- 1 Quick start guide

OPTIONAL ACCESSORIES

Upgrades

NX_XG_LIC_1STEP Upgrade license for NetXpert XG2 for one level at a time

Extension kits

NX_XG2_10G_Fiber_Ext NetXpert XG2 - Fiber Extension Kit - turns an XG2 -10G into an XG2-PLUS

NX_XG2_Remote Remote Kit - single NetXpert XG2 Active Remote for copper qualification

Warranty extension

NX_WARRANTY_EX_2A NetXpert XG2 series warranty extension from 12 months to 36 months

Fiber optic accessories

NX_AC_SFP_10G_SM SFP+ Module, Singlemode, 10GBASE-LR/LW

NX_AC_SFP_10G_MM SFP+ Module, Multimode, 10GBASE-SR/SW

NX_AC_SFP_1G_SM SFP Module, Singlemode, 1000BASE-LX

NX_AC_SFP_1G_MM SFP Module, Multimode, 1000BASE-SX

General accessories

PD_RK224 RJ45 Remote Identifier Set (24 pcs, #1 - #24)

NX2_AC_RJ45 2 x RJ45 exchange socket XG2 for main and remote device

PD_TTI08 Link/Cable Identifier Set (8 pcs, #1 - #8)

WX_FX_INSP_KIT Fiber optic microscope for inspection of connector end faces

Industrial accessories

WX_AC_PRE_TERA_PCordi1_ HD E2E measuring cable RJ45 to Harting preLink® system (1 pc)

WX_AC_TPRE_RJ45F RJ45 interchangeable plug for Harting preLink® system, IP20 CAT 6_A (1 pc)

WX_AC_TPRE_M12DM M12 D-coded plug for Harting preLink® system CAT 5 (1 pc)

WX_AC_TPRE_M12XM M12 X-coded plug for Harting preLink® system CAT 6_A (1 pc)

WX_AC_TPRE_M12DF M12 D-coded socket for Harting preLink® system CAT 5 (1 pc)

WX_AC_TPRE_M12XF M12 X-coded socket for Harting preLink® system CAT 6_A (1 pc)

WX_AC_TPRE_RJ45MV14 Interchangeable V14 push-pull RJ45 plug for Harting preLink® system (1 pc)

WX_AC_TPRE_RJ45MH3A Interchangeable Han® 3 A RJ45 plug for Harting preLink® system (1 pc)

WX_AC_TPRE_IX IX socket for Harting preLink® system CAT 6_A (1 pc), incl. housing

WX_AC_TPRE_RELEASE Opener for Harting preLink® system (5 pcs)

WX_AC_TPRE_RJ45HIFF RJ45 CAT 6 pre link jack HIFF format for Harting preLink® system, (1 pc)

NX_AC_IND_PRO NetXpert Industrial Adapter PRO-Kit - contains the complete industrial accessories for RJ45, M12D and M12X

ASIA-PACIFIC

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SPECIFICATIONS - ALL MODELS

Copper Interface 1 x Cat 6_A RJ45, interchangeable

Fiber Interface 2 x SFP slot 1-10Gb/s (please order SFP modules separately)

Length Measurement Technology Time-Domain Reflectometry (TDR) and capacitance

Cable Testing and ID Up to 1000ft (305m)
- Split Pair Detection: 3ft (1m) to 1000ft (305m)
- Length Measurement: 0 to 1500ft (457m), ± (5%+1ft (30cm))
- Distance to fault: 0 to 656ft (200m) ± (5% + 3ft (1m))
- Supports 8 wiremap remotes (RJ 45) and 24 RJ45 ID only remotes

Power over Ethernet (PoE) Test supports IEEE 802.3af PoE (Type 1, max 15.4W), IEEE 802.3at PoE+ (Type 2, 30W) and 802.3bt PoE++ (Type 4, 90W)

Maximum Voltages Maximum voltage that can be applied to any 2 connector pins without causing damage to the tester: RJ45: 60VDC or 50VAC

Storage Capacity Stores an unlimited number of cable tests per projects with user defined names

Tone Generation Tone Frequencies: 730Hz and 1440Hz

Languages English, German, French, Spanish, Italian

Battery Li-Ion, 7.2 VDC, 6.2A-hr / 5hrs (typical)

External Power Supply 12VDC

Temperature Operating: 14 to 140°F (-10 to 60°C)
Storage: -22 to 158°F (-30 to 70°)

Humidity 10 to 90% non-condensing

Enclosure Injection molded plastic

Display 7" Color TFT-LCD capacitive touch display, 1024 x 600 resolution (WSVGA)

Size 245 x 177 x 73mm (Main unit)
130 x 177 x 55mm (Active Remote)

Weight with Battery 1.2kg (main unit)
0.6kg (Active Remote)

Available here:



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