NET**X**PERT *XG2plus*

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Performance tester up to 10Gb/s for all Ethernet applications

The NetXpert XG2-PLUS combination model offers comprehensive active and passive network testing up to 10Gb/s on copper and fiber cabling, for installation, commissioning and troubleshooting. The unique combination of four measurement methods ensures highest reliability of the results is achieved.

For the qualification of copper links, one main and one end device are used. The qualification of fiber optic links requires two main devices.

MODEL	Active network tests				Passive qualification		
	1 Gb/s	**2.5/5** Gb/s	**10** Gb/s	**WLAN**	**1** Gb/s	**2.5/5** Gb/s	**10** Gb/s
XG2-PLUS **NX_XG2_Plus**	CU FO	CU	CU FO	📶	CU FO	CU	CU FO

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

SCOPE OF DELIVERY

- 2 NetXpert XG2 main devices
- 1 Active Remote
- 3 Power supply
- 2 RJ45 Cat 6A test cables, shielded
- 2 OM4 LC-Duplex multimode test cables

- 2 OS2 LC-Duplex singlemode test cable
- 1 Copper and 2 fiber optic couplings
- 1 Hard-shell case
- 1 Quick start guide
- 2 Upgrade licenses per main device

(Please order SFP modules separately)

IT Networks

OPTIONAL ACCESSORIES

Extension kits

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_TT108	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_PCORD1_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

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 separatly)*
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, 10.05A-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 83mm (Main unit) 130 x 177 x 55mm (Active Remote)
Weight with Battery	1.3kg (main unit) 0.6kg (Active Remote)

Available here:

itnetworks.softing.com/XG2-PLUS