

Packages with D3.1 SW option included

Install and service DOCSIS 3.1 with Simplicity, Speed and Power – **OneExpert CATV Signal Analysis Meter**

Improve technician productivity, increase customer satisfaction with fewer repeat service calls, and speed DOCSIS 3.1 service deployment

Viavi Solutions introduces the first true DOCSIS 3.1 installation and service meter, OneExpert CATV. A new industry benchmark helping field technicians fix problems right—the first time. A multi-touch, userfriendly interface with OneCheck™ automated testing eases complex tasks with a simple dashboard giving clear pass/fail results.

Features:

- Genuine DOCSIS 3.1 solution The first field instrument with an embedded 3.1 modem for full 3.1 service testing
- Flexible software upgrades: Enable DOCSIS 3.1 now or software enable it later when you are ready
- Ready for network expansion with automatically switching dual diplexers to support 42 & 85 MHz networks
- OFDM & 32x8 DOCSIS, Wi-Fi, and fiber optic
- Full 3 year warranty, 2 Yr. Calibration Cycle
- Field replaceable battery

Benefits:

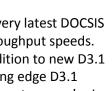
- Best meter for installation and service
 - Speed parallel measurements eliminate incomplete testing
 - <u>Simplicity</u> empowers techs to *troubleshoot without extensive training*; automatic channel identification – no channel plan needed
 - Consistency improves compliance and audit performance
- Tests throughput on DOCSIS and Ethernet up to 1Gbps first in the industry
- Multiple models available to meet the needs from fulfillment to service tech
- Future-proof modularity ensures years of use supporting cable television and home networks

Applications: OneExpert-CATV now enables physical and service layer testing of the very latest DOCSIS 3.1 technologies allowing techs to test and validate services all the way to gigabit throughput speeds. OneExpert tests a higher number of existing DOCSIS 3.0 bonded QAM channels in addition to new D3.1 OFDM carriers, making it the perfect tool for expanding D3.0 based networks or leading edge D3.1 plants. It's the best choice for fulfilment and service techs, regardless of the technology stage you're in with your network, yet another key reason to choose OneExpert CATV.



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ENABLED







OneExpert (ONX) CATV – Feature / Package Comparison. These packages are pre-configured with D_{3.1} SW included

	(and	These packages are pre-configured with D3.1 5W included		
	Tech1	Tech2	Tech3	Tech4
Part# without trade	ONX-CATV-TECH1-D31	ONX-CATV-TECH2-D31	ONX-CATV-TECH ₃	ONX-CATV-TECH4
Part # with Trade		ONX-CATV-TECH ₂ -D ₃ 1-EXCH	ONX-CATV-TECH ₃ -D ₃ 1-EXCH	ONX-CATV-TECH ₄ -D ₃ 1-EXC
Target Tech	New Hire & Contractor	Installer	Service Tech	Business Service
This part & pricing requires an instrument tra	de-in			
		Hardware		
Base Model	ONX-610 Basic	ONX-620 IPX	ONX-620 TSX	ONX-620 TSX
DOCSIS 3.1 Chipset	Х	X	Х	Х
DOCSIS 3.0 Bonding - 32x8	Х	Х	Х	Х
Full 3 Year Warranty (Not Pro-rated)	Х	Х	Х	Х
96 W/Hr Battery Field replaceable	optional (48 W/Hr standard)	Х	х	Х
Auto 42/85 Diplex	42 MHz only	X	X	Х
Fitted case w/ shoulder strap	Х	Х	X	Х
Deluxe Accessory carrying case, strand hook, 12 v car charger, Ethernet cord, 2nd hand strap)	optional	optional	optional	x
	Enh	nanced Testing Packages		
TrueSpeed testing	optional**	optional	optional	Х
IP Video testing	optional**	optional	optional	Х
VoIP MOS testing	optional**	optional	optional	X
This option requires the IPX or TSX package				
	Т	est and Measurement		
DOCSIS 3.1 - Range, Register, Sync	X	Х	Х	Х
OFDM analysis Avg/Min/Max - Power, MER PLC, NCP, CWE and Profile assessment	x	х	х	Х
DOCSIS 3.0 - Range, Register, Sync	X	X	X	Х
Standard RF Testing (Power, MER, BER, Echo, Group Delay)	Х	X	Х	X
CFR Numeric (upstream and downstream)	X	Х	Х	Х
CFR Graphing (upstream and downstream)	Included in TSX upgrade***	Included in TSX upgrade***	Х	Х
200MHz Ingress Scan	X	Х	X	X
Spectrum w/Ingress Under the Carrier	Included in TSX upgrade***	Included in TSX upgrade***	Х	X
LTE/Off-Air Ingress	Х	Х	Х	Х
DQI	Х	X	Х	Х
Constellation	X	Х	х	х
Measurements Over Time (Power, MER, BER, DQI)	Included in TSX upgrade***	Included in TSX upgrade***	x	х
Session Expert with Drop Length (TDR)	Х	Х	X	X
Ethernet Ping	X	X	X	х
Wiring Tools	X	X	X	X
(Hub Flash, Connection type)		X	X	X
SIP VoIP	Included in IPX upgrade*** Included in IPX upgrade***	X	X	X
Throughput Packet Quality	Included in IPX upgrade***	X	X	×
r acket Quality	included in IFX opgrade***	Accessibility	^	^
We et e	v		· ·	v
Wi-Fi Scanner Wi-Fi Access Point	X Included in IPX upgrade***	X	x x	X X
Wi-Fi Access Point Wi-Fi Advisor	13			
Two-Ended testing Support	X	X	Х	Х
Web Browser	X	Х	Х	Х
Remote Control via mobile application	Х	Х	Х	Х
Fiber Scope Support Plug and Play	х	х	х	х
MP-6o/8o Optical power support	X	X	Х	Х

^{***}Individual Pricing and Part Numbers of the IPX and TSX package upgrades are not yet finalized