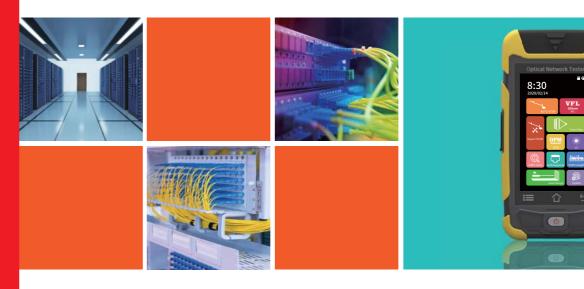
Craftsman spirit, Legendary quality

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Hicloud



H430

Optical Network Tester

QingDao Novker Communications Technology CO.,LTD.

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QingDao Novker Communications Technology CO.,LTD.

Add: No.237 LangYaTai Rd, XiHaiAn New Area, QingDao ShanDong

Tel: +86-532-84136116

Fax: +86-532-84136116

Web: www. novker.com

Mail: novker@novker.com



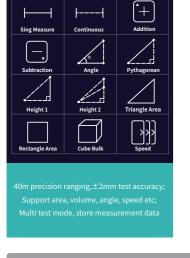




H430 Optical Network Tester

Hicloud H430 series optical network tester is the first multi-functional intelligent and high-precision test instrument of Android system style. It uses "Android" UI design, adopts 4.3-inch capacitive touchscreen, supports multi-point touch, and is more comfortable and simple to operate. It has 12 functional modules: AUTO OTDR, Expert OTDR, event map, optical power meter, visual fault location, stable laser source, RJ45 cable tracker, RJ45 cable sequence, RJ45 cable length test, laser ranging, optical loss test, flashlight. It can meet various test requirements in different occasions. OTDR has 1m ultra short event blind area, the maximum dynamic range is 32dB, 8G of storage which can store 200000 curves; it uses 4000mAh high-density and high-capacity polymer lithium battery, and operating time is more than 10 hours under high brightness. It has accurate test precision and information collection ability, and the powerful internal analysis software can provide accurate data service for terminal testers.

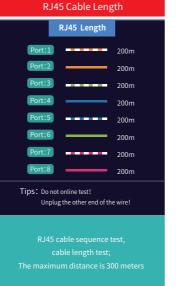
Hicloud H430 series are used to measure the fiber and cable length, loss, connection quality and other parameters. They are widely used in the construction of Metropolitan area network communication system, line maintenance and emergency repair test, research and production measurement of optical fiber and cable.



Laser Ranging

Laser Ranging





Optical Power Meter

Stable Laser Source

Multi task simultaneous operation

Support frequency/wave identification, data acquisition

Support CW/modulation/twins output, power is adjustable

VFL and LS run in the background

Function configuration



AUTO OTDR, Expert OTDR, event map, OPM, VFL, LS, RJ45 cable tracker, RJ45 cable sequence, RJ45 cable length test, laser ranging, optical loss test, flashlight

Technical Specifications

				OTDR				
Model	H430-S1	H430-S2	H430-S3	H430-P1F1	H430-P1F2	H430-P2F1	H430-P2F2	H430-M1
Туре				SM				MM
Wavelength		1310/1550nm		162	5nm	165	0nm	850/1300nm
Dynamic Range	30/28dB	32/30dB	35/33dB	26dB	28dB	26dB	28dB	24/26dB
Event Blind Zon	е			1.2	2m			1.5m
ATT Blind Zone	!			5	m			6m
Test Range			500	m/1km/2km/4km/8km	/16km/32km/64km/10	0km		
Pulse Width		3ns	/5ns/10ns/20ns/30ns	/50ns/80ns/160ns/320r	ns/500ns/800ns/1µs/2µ	s/3μs/5μs/8μs/10μs/2	0μs	
Ranging Accurac	у			± (1m+Sample interva	al+0.005%×Test distan	ice)		
Linearity				≤0.05	idB/dB			
Sample Points				16k~	·256k			
Sample Resolution	on			0.05r	m~8m			
Loss Resolution	1	0.001dB						
Loss Threshold	l			0.0	1dB			
Range Resolution	n			0.0	01m			
Refractive Inde	x			1.00000~2.000	00, 0.00001 Step			
Reflection Accura	ıcy			±	3dB			
File Format				SOR Standa	rd File Format			
Loss Analysis		4-point method /5-point method						
Laser Safety Lev	el			Cla	ss II			
Connector		FC/UPC (Interchangeable SC、ST)						
Refresh Rate		3Hz(Typ.)						
Multitasking				Sup	port			

	ОРМ
Wave Range	800nm~1700nm
Calibration Wave 850)/980/1300/1310/1490/1550/1625/1650nm
Test Range	-70~+10dBm/-50~+26dBm
Resolution	0.01dB
Uncertainty	±5%
Frequency Identification	CW/270/330/1k/2kHz(Use inner LS)
Connector	Universal FC/SC/ST
Wave Recognition	n Support
	Laser Ranging
Test Range	0.05~40m
Accuracy	±2.0mm
Laser Type	620~690nm
Laser Safety Leve	Class II , <1mW
(Optical Loss Test
Wavelength	Consistent with LS
Test Range	Consistent with OPM
IL Test	Support

	эцррогс	
	LS	
Wavelength	Consistent with OTDR	
Laser Type	FP-LD	
Power	≥-5dBm	
Stability CW, ±	0.5dB/15min (After15min of preheating)	
Connector	FC/UPC (Interchangeable SC、ST)	
Mode	CW/270Hz/330Hz/1kHz/2kHz	
Wave Recognition	Support	
	VFL	
Wavelength	650nm±20nm	
Output Power	≥10mW	
Mode	CW/1Hz/2Hz	
Connector	FC/UPC (Interchangeable SC、ST)	
Laser Safety Level	Class III	
RJ4	5 Cable Tracker	
Mode	Digital/Analog Tracking	
Distance	≥300m	
Online/Line Pair Tr	racking Support	

lest Distance	#300m				
	2.1				
Others					
Display	splay 4.3 inches 800×480 IPS TFT - LCD Multi touch capacitive touch screen				
Power Supply AC/DCadapter:input:100V~240V, 50/60Hz, 0.6. output:5V, 2A, Lithium battery:3.7V, 4000mAh					
Battery Working High brightness, Continuous test>8 hours					
Data Storage	Internal storage:8GB, ≥20 thousand curves				
Data Interface	USB Type C				
Fingerprint Idea	ntification Optional				
Working Tempe	erature -10°C~+50°C				
Storage Temper	rature -40°C~+70°C				
Relative Humi	dity 0~95% Non Condensing				
Weight	About 0.4kg (Battery included)				
Size	174mm×92mm×45mm				

RJ45 Cable Length

Tost Distance