



IDEAL NETWORKS

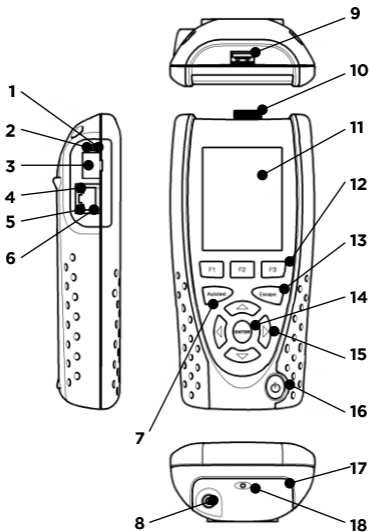
NavITEK IE





Quick Reference Guide 151891 Issue 1

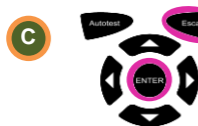
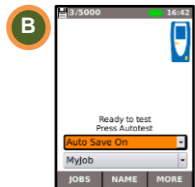
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- 1 Optical link LED
- 2 Optical activity LED
- 3 Optical port (SFP)
- 4 Ethernet LED
- 5 Activity LED
- 6 Cable socket
- 7 Autotest button
- 8 DC in connector
- 9 USB socket
- 10 Wi-Fi adapter
- 11 Touchscreen display
- 12 Function buttons
- 13 Escape button
- 14 ENTER button
- 15 Cursor buttons
- 16 Power button
- 17 Battery module
- 18 Charging indicator LED

Charging Indicator LED (18)	Status
Green	Charging
Off	Charging complete
Flashing	Not charging

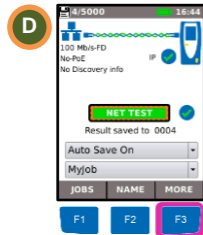
Four Ways to Navigate



Escape - returns to previous screen

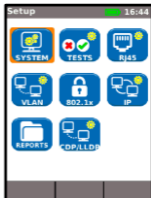


ENTER - accepts selection

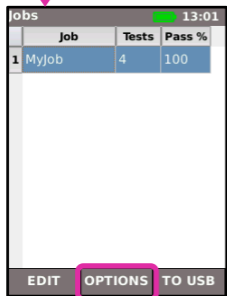
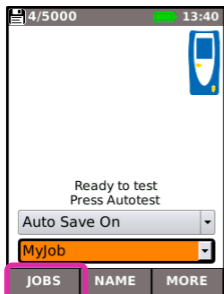


SETUP

F1

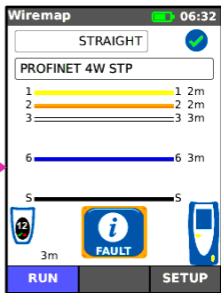
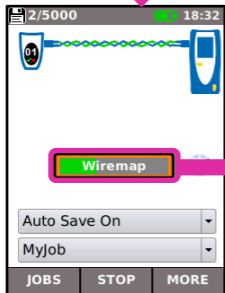
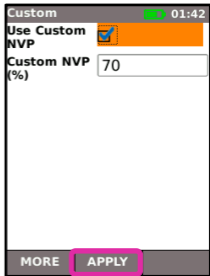
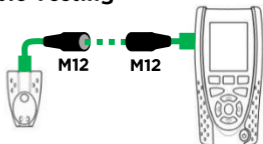


Job Setup

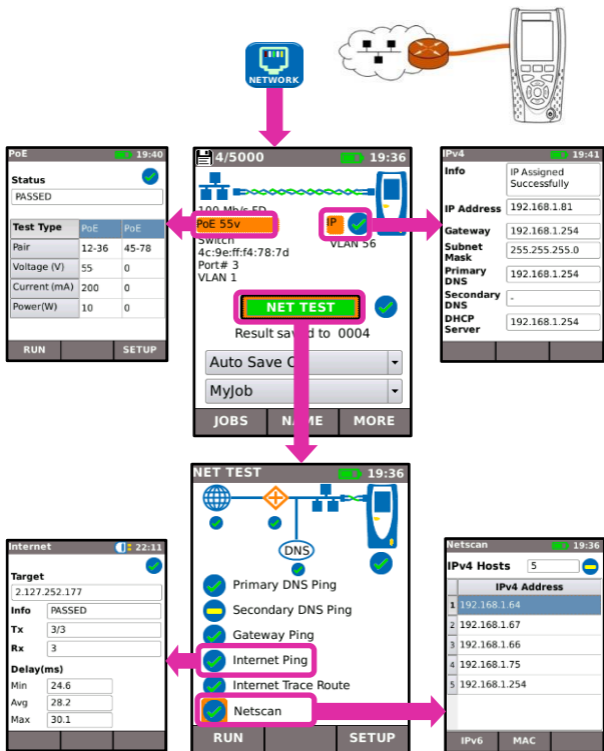


PROFINET Cable Testing

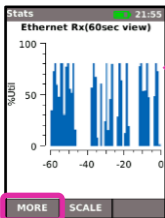
MORE
SETUP



Network Testing over Copper



Network Testing over Fiber



VLAN 00:59

Max Rx Bandwidth (Mb/s)
743.504

Detected VLAN IDs
20, 35

VLAN ID 50

Change VLAN 20

MORE APPLY

Port 18:59

	Port
Speed	100 Mb/s-FD
Duplex	Full
MDI/MDIX	MDI
Signal Lvl	Normal
Polarity	Normal

MORE

4/5000 19:36

Opt 1000 Mb/s
Rx Pwr -4.13 dB
J0:23:47:cb:3b:3f
ProCurve 2910al-24G-P
Port# 1
VLAN -

NET TEST

Result saved to 0004

Save On

SETP TESTS

19:40

System Name: ProCurve 2910al-24G-PoE Switch
System Description: ProCurve J9146A 2910al-24G-PoE Switch
IP Address: -
Port Address: 00:23:47:cb:3b:3f
Port Description: 1
Capabilities: B
VLAN: -

Optical 12:13

Status Available

Vendor AVAGO

Part No. AFBR-57L5APZ

Rx Pwr (dBm) -4.13

Tx Pwr (dBm) -5.11

Tests 02:32

PING4 PING6

LOOP BLINK

RESET SAVE SETUP

Ping4 03:30

Target 2.127.237.172

Info PASSED

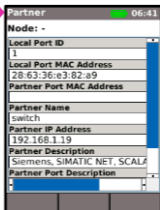
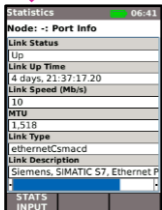
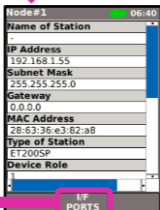
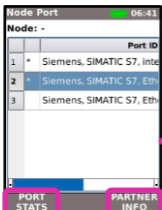
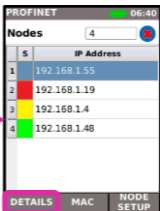
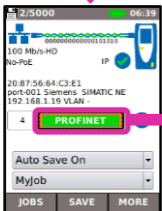
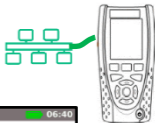
Tx 3/3

Rx 3

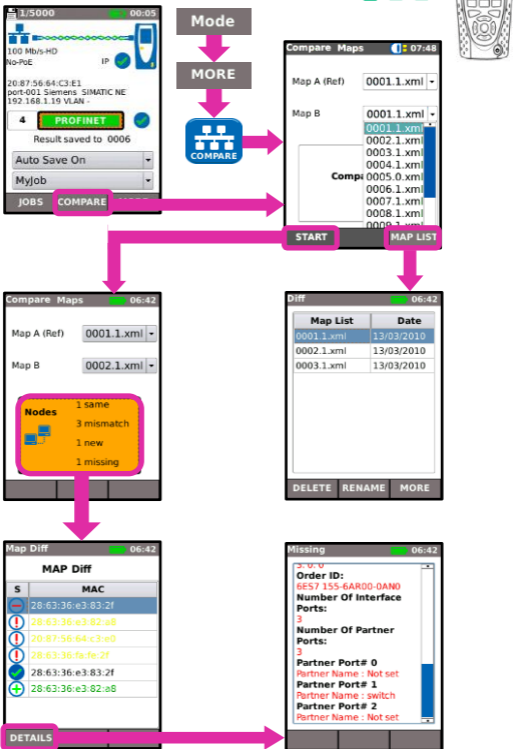
Delay(ms)
Min 29.7
Avg 30.1
Max 30.3

RUN SETUP

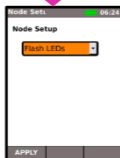
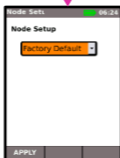
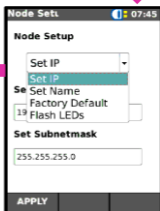
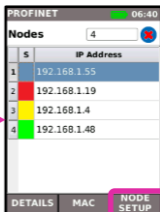
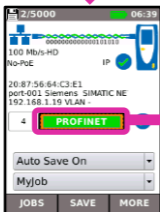
PROFINET Testing



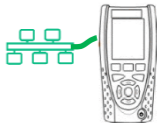
PROFINET NetMAP Comparison



PROFINET Node Setup



PROFINET Event Log



PROFINET 06:40

Nodes 4

S	IP Address
1	192.168.1.55
2	192.168.1.19
3	192.168.1.4
4	192.168.1.48

DETAILS MAC NODE SETUP

Node #1 00:28

Name of Station testing te
et200sp50

IP Address
192.168.1.50

Subnet Mask
255.255.255.0

Gateway
0.0.0.0

MAC Address
28.63:36:e3:82:a8

Type of Station
ET200SP

Device Role

I/F PORTS ERROR LOGGING

Error Log 00:29

Error Event Logging

Duration 1 Hour

Node Name 1 Hour
et200sp50 24 Hours
48 hours

Node IP Address
192.168.1.50

Time Remaining 10:23:10

Event Count 36

Event Time
March 1 2010 00:29 41

START ERROR DETAILS SAVE TO USB

Error Log 00:26

Error Event Logging

Duration 24 Hours

Node Name
et200sp50

Node IP Address
192.168.1.50

Time Remaining 10:23:10

Event Count 36

Event Time
March 1 2010 00:25 51

STOP ERROR DETAILS

Error log 00:27

Error Event Details

I/F Port 1

Event Time
March 1 2010 00:27 28

Input Packets 1379989

Input Errors 8

Output Packets 1256987

Output Errors 12

Node Status Up

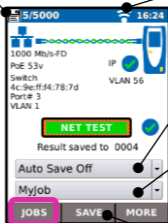
CSV
File



5 tests are saved /
memory capacity
is 5000 tests

Test Reports

PROFINET Nodes		
Node Network		
Name of Station	MAC Address	
et200sp50	28-62-36-e2-82-a8	
switch	20-87-56-64-c3-w0	
wl200sp	28-62-36-w3-83-2f	
s7-1200pic	28-62-36-fa-fe-2f	
Node Details		
Name of Station	Type of Station	
et200sp50	ET200SP	
switch	SCALANCE XB-200	
wl200sp	ET200SP	
s7-1200pic	S7-1200	
Node Hardware		
Name of Station	Serial Number	
et200sp50	S C-IP5002092017	
switch	SWPID150047	
wl200sp	S C-IP5003082017	



Indicates Wi-Fi
is enabled

Select result
saving mode

Select current
Job

Save the result
manually when
Auto Save is Off

View
result



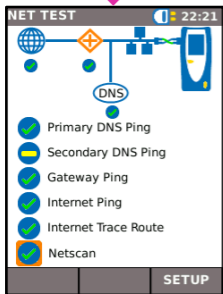
Select job

Select result



OR Save
report to
USB

OR Smartphone
downloads reports using
IDEAL AnyWARE™
app. for Android™ /
Apple



TO USB



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Menu Map

