



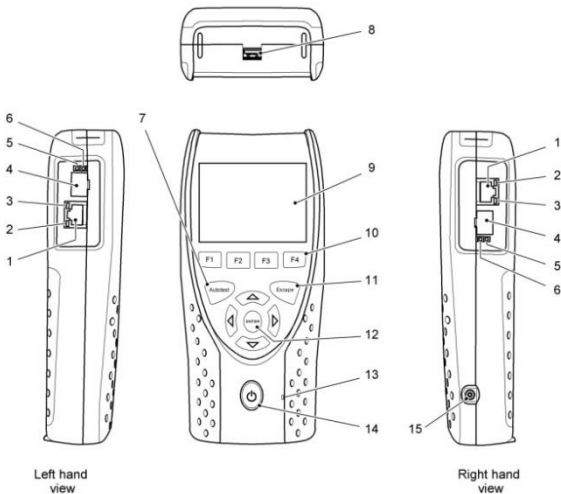
TREND NETWORKS

# UniPRO MGig1



## Quick Reference Guide 152800 Issue 2

[www.trend-networks.com](http://www.trend-networks.com)



<sup>1</sup> Items 4, 5 & 6 - MGig1 PLUS & PRO models only

<sup>2</sup> Items 1 to 6 on right hand view - MGig1 Duo models only.

|                  |                      |    |                        |
|------------------|----------------------|----|------------------------|
| 1 <sup>2</sup>   | RJ 45 port           | 9  | LCD color display      |
| 2 <sup>2</sup>   | RJ 45 activity LED   | 10 | Function keys F1 to F4 |
| 3 <sup>2</sup>   | RJ 45 link LED       | 11 | Escape key             |
| 4 <sup>1,2</sup> | Optical port (SFP)   | 12 | Cursor and ENTER keys  |
| 5 <sup>1,2</sup> | Optical activity LED | 13 | Charger LED            |
| 6 <sup>1,2</sup> | Optical link LED     | 14 | ON/OFF button          |
| 7                | Autotest button      | 15 | DC in connector        |
| 8                | USB port             |    |                        |

### Power Indications – Charger LED

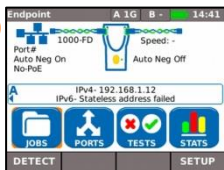
| *Charger LED                        | Status                                   |
|-------------------------------------|------------------------------------------|
| <b>Green</b>                        | <b>Battery pack is charging</b>          |
| <b>Off (with charger connected)</b> | <b>Battery pack is charged</b>           |
| <b>Green flashing</b>               | <b>Battery pack is not being charged</b> |

### Power indications – on screen

|                                                                                     |                 |
|-------------------------------------------------------------------------------------|-----------------|
|    | Full            |
|   | 2/3             |
|  | 1/3             |
|  | Empty           |
|  | Mains/on-charge |

# Four Ways to Navigate

1



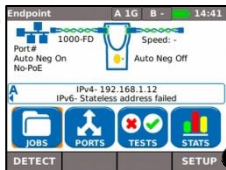
2



Escape - returns to previous screen

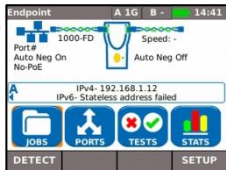
ENTER - accepts selection

3

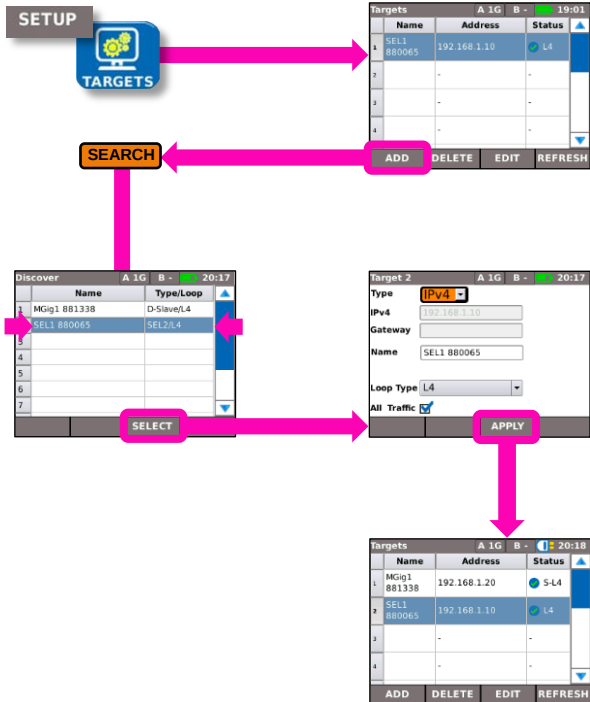


Touch Screen

4



# Targets



# Services

SETUP



Services 2 to 8 available on PLUS & PRO models only

| Services |              | A - | B - | 18:12 |
|----------|--------------|-----|-----|-------|
| Service  | Service Name |     |     |       |
| 1        | S-1          |     |     |       |
| 2        | S-2          |     |     |       |
| 3        | S-3          |     |     |       |
| 4        | S-4          |     |     |       |
| 5        | S-5          |     |     |       |
| 6        | S-6          |     |     |       |
| 7        | S-7          |     |     |       |

EDIT

IP A - B - 18:12

Source IPv4 Address

IPv4 Local Address

Destination IPv4 Address

IPv4 From Target Address

MORE APPLY

Service A - B - 18:12

Name S-1

Protocol UDP

IP v4- SRC:Local DST:From Target  
v6- SRC:Local DST:From Target

MPLS Disabled

LLC/SNAP Disabled

VLAN Local

MAC SRC:UniPRO MGig2 DST:Target

IP A - B - 18:13

Source IPv6 Address

IPv6 Local Address

Destination IPv6 Address

IPv6 From Target Address

MORE

IP A - B - 18:13

COS Local

COS Type Type of Service

Precedence Route

Low Delay ☐

High Throughput ☐

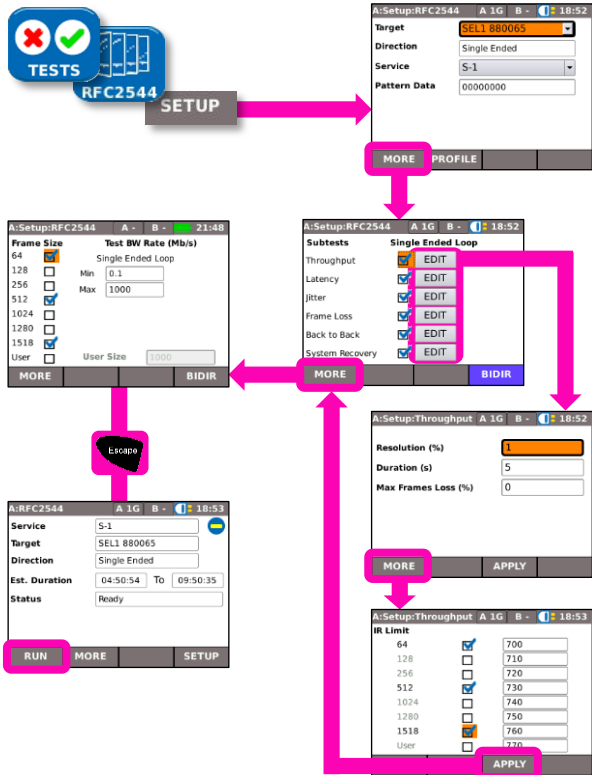
High Reliability ☐

IPv6 Traffic Class Local

IPv6 Traffic Class

MORE APPLY

# RFC2544



# NetSAM



A:Setup:NetSAM A 1G B - 20:38

Target: SEL1 880065

Direction: Single Ended

MORE

A:Setup:NetSAM A 1G B - 20:39

Subtests

- ☒ A1 CIR EDIT
- ☐ A2 Step Load CIR
- ☐ B1 EIR Color EDIT
- ☐ B2 EIR Non Color
- ☐ C1 Police Color EDIT
- ☐ C2 Police Non Color
- ☐ Performance Test EDIT

MORE

A:Setup:NetSAM A 1G B - 20:39

Services

|     | M->S                                     | S->M                          |
|-----|------------------------------------------|-------------------------------|
| S-1 | <input checked="" type="checkbox"/> EDIT | <input type="checkbox"/> EDIT |
| S-2 | <input type="checkbox"/> EDIT            | <input type="checkbox"/> EDIT |
| S-3 | <input type="checkbox"/> EDIT            | <input type="checkbox"/> EDIT |
| S-4 | <input type="checkbox"/> EDIT            | <input type="checkbox"/> EDIT |
| S-5 | <input type="checkbox"/> EDIT            | <input type="checkbox"/> EDIT |
| S-6 | <input type="checkbox"/> EDIT            | <input type="checkbox"/> EDIT |
| S-7 | <input type="checkbox"/> EDIT            | <input type="checkbox"/> EDIT |
| S-8 | <input type="checkbox"/> EDIT            | <input type="checkbox"/> EDIT |

MORE

A:NetSAM A 1G B - 20:39

Color Mode: IP

Green IP: 4

Yellow IP: 4

Green VLAN: 0

Yellow VLAN: 0

Green MPLS: 0

Yellow MPLS: 0

MORE APPLY

A:NetSAM A 1G B - 20:39

M->S Service 1 Setup

Frame Size: 64

U Frame Size: 512

EMIX Pattern: abcdeg

MTU(bytes): 64

CIR(Mb/s): 30

EIR(Mb/s): 1

Pattern Data: 00000000

MORE APPLY

|   |      |
|---|------|
| A | 64   |
| B | 128  |
| C | 256  |
| D | 512  |
| E | 1024 |
| F | 1280 |
| G | 1518 |
| H | MTU  |
| U | User |

A:NetSAM A 1G B - 20:39

FLR (0.xxx): 0.003

FTD (us): 22

FDV (us): 11

Availability (xxx.x%): 95

MORE APPLY

A:NetSAM A 1G B - 20:40

Target: SEL1 880065

Direction: Single Ended

Status: Ready

Time: 00:00:00

RUN MORE SETUP

Escape

# SLA-TICK



A:SLA-TICK A 1G B - 19:14

Target: SEL1 880065

Status: Ready

Time: 00:00:00

RUN MORE **SETUP**

Limits A 1G B - 19:14

Info Rate (Mb/s): 986.996

Free IR (Mb/s): 986.996

Bandwidth Rate (Mb/s): 999.999

Bandwidth Utilization: 100%

Frame Size: 1518

Pattern Data (Hex): All 0

MORE APPLY

A:Setup:SLA-TICK A 1G B - 19:14

Utilization

|                                     |     |      |
|-------------------------------------|-----|------|
| <input checked="" type="checkbox"/> | S-1 | 100% |
| <input type="checkbox"/>            | S-2 | 0%   |
| <input type="checkbox"/>            | S-3 | 0%   |
| <input type="checkbox"/>            | S-4 | 0%   |
| <input type="checkbox"/>            | S-5 | 0%   |
| <input type="checkbox"/>            | S-6 | 0%   |
| <input type="checkbox"/>            | S-7 | 0%   |
| <input type="checkbox"/>            | S-8 | 0%   |

Target: SEL1 880065

Duration (hh:mm): 00:01

Used: 100%

MORE DELETE AUTO

Limits A 1G B - 19:14

Max Latency (us): ☒ 5000

Max Jitter (us): ☒ 100

Frame Loss Ratio: ☒ 0.005

Frame Loss Count: ☒ 0

Min Throughput (Mb/s): 0.1

SDT (ms): 10

MORE **APPLY**

A:SLA-TICK A 1G B - 19:14

Target: SEL1 880065

Status: Ready

Time: 00:00:00

**RUN** MORE SETUP

# BERT



A:BERT A 1G B - 19:13

|                 |                             |
|-----------------|-----------------------------|
| Target          | SEL1 880065                 |
| Service         | S-1                         |
| Pattern         | PRBS ITU 2 <sup>11</sup> -1 |
| Layer           | L4 (UDP)                    |
| Status          | Ready                       |
| Last Sync Time  | 00:00:00                    |
| Total Sync Time | 00:00:00 0%                 |

Time  
00:00:00

RUN MORE **SETUP**

A:Setup:BERT A 1G B - 19:13

|                  |                             |
|------------------|-----------------------------|
| Target           | SEL1 880065                 |
| Service          | S-1                         |
| Test Pattern     | PRBS ITU 2 <sup>11</sup> -1 |
| Word             | 0000                        |
| Layer            | Layer 4                     |
| Info Rate (Mb/s) | 1                           |
| Frame Size       | 64                          |

MORE APPLY

A:Setup:BERT A 1G B - 19:13

|                       |         |
|-----------------------|---------|
| Duration              | User    |
| User Duration (hh:mm) | 00:01   |
| Error Limit           | Ratio   |
| Error Ratio           | 1 in 10 |
| Absolute Error        | 5       |

MORE **APPLY**

A:BERT A 1G B - 19:13

|                 |                             |
|-----------------|-----------------------------|
| Target          | SEL1 880065                 |
| Service         | S-1                         |
| Pattern         | PRBS ITU 2 <sup>11</sup> -1 |
| Layer           | L4 (UDP)                    |
| Status          | Ready                       |
| Last Sync Time  | 00:00:00                    |
| Total Sync Time | 00:00:00 0%                 |

Time  
00:00:00

**RUN** MORE SETUP