

# Allegro Network Multimeter 200

Hardware datasheet



## Analysis and debugging tool for network administrators

- ✓ Analyze and correlate all metadata from L2 to L7
- ✓ Selective and retroactive pcap extraction
- ✓ Real time search and filtering from L2 to L7
- ✓ Active email alert
- ✓ Easy installation on a mirror port, tap or as a network bridge
- ✓ Simple licensing
- ✓ Development Made in Germany
- ✓ Direct support from Germany

### Designed for branch offices and local debugging

The Allegro 200 fits perfectly into all local environments supporting for up to 50 active endpoints with Gigabit cabling. It allows you to monitor the last 5,000 seen IP addresses and up to 300,000 connections for retroactive debugging and investigation.

### Real time and historic web view

The Allegro 200 delivers network statistics and selective packet captures from Layer 2 to 7 for real time as well as past time intervals for several days. The easy-to-use web interface provides a drill down from global overviews to detailed statistics including IPs, MACs, L7 protocols, TCP retransmissions.

### Immediate results

The Allegro 200 offers immediate statistics at the installation point. Just place the Allegro in line, on a tap, or use it on a mirror or span port to see what happens at this point. The Allegro 200 series supports two 1 Gigabit ports.

### Powerful and portable

The Allegro 200 is an ultra portable solution – it's about the size of a small book. It uses passive cooling without any moving parts. A USB3 HDD or SSD can be used as an additional packet ring buffer, allowing the extraction of captures from past traffic with a simple click as a browser download.

### Versatile analysis modules

The Allegro 200 has integrated a variety of analysis modules from L2 to L7. It helps to identify network issues such as microbursts on L2, TCP retransmissions for a specific host on L4 or the top traffic users for a specific protocol, e.g. a Windows update 3 hours ago. The integrated dashboard provides a quick overview.

### Quality Made in Germany

The Allegro 200 is developed in Leipzig, Germany. Purchasing the Allegro 200 includes direct support from our qualified team based in Germany.



**Table 1** Allegro 200 base unit specifications

Feature	Allegro 200
Order ID	101
Size (H/L/W) in mm	25 x 150 x 81
Weight	260 g
Power supply	30 W, external
Airflow	Passive cooling, no fans
Packaging	Portable soft shell case
Internal database memory	2 GB
Management port	1 x 1000BaseT via USB 3 adapter 1 x WiFi 802.11n via USB 2 adapter
Monitor ports	2 x 1000BaseT
Maximum throughput <sup>1</sup>	2 GBit/s
Average throughput <sup>2</sup>	2 GBit/s
Average packets per second <sup>2</sup>	300,000 pps
Max parallel connections	200,000 concurrent open connections
Connection history <sup>3</sup>	Up to 300,000 connections with 2 GB internal database
IPv4/v6 history <sup>3</sup>	Up to 5,000 IPs with 2 GB internal database
Jumbo frames	9,000 bytes
Hardware guarantee	Default 1 year, more as option
Operating temperature	0° C to 60° C (32° F to 140° F)
Non-operating temperature	-40° C to 70° C (-40° F to 158° F)
Operating relative humidity	5 % to 95 % (non-condensing)
Non-operating relative humidity	5 % to 95 % (non-condensing)
Certifications	EN 55022: 2010+AC2011 and CISPR 22: 2008 (modified) , EN 61000-3-2:2014 and IEC 61000-3-2:2014, EN 61000-3-3: 2013 and IEC 61000-3-3: 2013, EN 55024: 2010 and CISPR 24: 2010, EN 61000-4-2: 2009 and IEC 61000-4-2: 2008, EN 61000-4-3: 2006+A1: 2008 +A2: 2010 and IEC 61000-4-3:2006+A1: 2007+A2: 2010, EN 61000-4-4:2012 and IEC 61000-4-4:2012, EN 61000-4-5: 2014 and IEC 61000-4-5: 2014, EN 61000-4-6:2014+AC:2015 and IEC 61000-4-6:2013, EN 61000-4-8: 2010 and IEC 61000-4-8: 2009, EN 61000-4-11: 2004 and IEC 61000-4-11: 2004, EN 60950-1:2006/A11:2009/A1:2010/A12:2011, FCC CFR Title 47 Part 15 Subpart B: 2015- Section 15.107 and 15.109, ANSI C63.4-2014, Industry Canada Interference-Causing Equipment Standard ICES-003 Issue 6: 2016 Class A

**Table 2** USB storage extension options and product bundles

Order ID	Product Description
501	250 GB SSD, up to 2 GBit/s Capture
502	3 TB USB 3 HDD, up to 800 MBit/s Capture
800	Allegro 200 bundle with 250 GB SSD (ID 101, 501)

<sup>1</sup> Under ideal testing conditions | <sup>2</sup> Real-world datacenter throughput scenario  
<sup>3</sup> Real-world datacenter traffic mix, storage for over 4 days