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Product category: **Stand-Alone Instruments**
News Release from: **Absolute Analysis** | Subject: **10Gbit/s SFP+ analyser**
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Ethernet protocol analyser targets new standards

Enables developers with the capability to connect up to 16 ports in a single chassis, simultaneously using both Ethernet and Fibre Channel.

Absolute Analysis has developed an industry-first 10Gbit/s Ethernet protocol analyser employing a SFP+ (Small Form-Factor Pluggable) interface and supporting the new 10GBase-LRM (Long Reach Multimode) standard According to Dennis Murphy, President of Absolute Analysis: "For the first time, developers in embedded systems, storage networking, datacommunications, telecommunications, and military and aerospace are able to capture 100% full line rate"

"This new test solution provides complete analysis with absolutely no data loss at 10Gbit/s and at distance ranges up to 220m".

"In addition, customers will experience shortened development cycles, expanded engineering capabilities and problem resolution by using our system".

"Absolute Analysis' protocol test solutions are leading the market by providing new SFP+ technology at the highest level of 10Gbit/s Ethernet testing".

"With industry momentum gaining toward fibre Channel over Ethernet (FCoE), storage managers are beginning to seek out test solutions that address Fibre Channel protocol behaviour over 10Gb Ethernet".

"Our new 10Gbit/s analyser and related products provide the 10GBase-LRM support that large storage area networks (SANs) will require for adoption of FCoE".

Manoj Samanta, Vice President of Engineering at Absolute Analysis explains: "The demand to reach devices at farther distances and analyse massive amounts of data at higher speeds, with 100% accuracy, continues to grow".

"We created this new technology to support 10GBase-SR (Short Range), 10GBase-LR (Long Range), and the new 10GBase-LRM interface to ensure standards conformity".

"However, we also developed the analyser to be fast and powerful by including a PCIbus with transfer rates up to 528Mbyte/s to quickly upload large trace files".

"I recently demonstrated this new 10Gbit/s analyser to a large wireless provider headquartered in the UK", adds Samanta.

"They were highly impressed with the product's features and the accuracy at which we were able to capture data to the bit level at 10Gbit/s, and declared this the best Ethernet protocol analyser they had ever seen".

The Absolute Analysis 10Gbit/s SFP+ test solution provides developers with the capability to connect up to 16 ports in a single chassis, simultaneously using both Ethernet and Fibre Channel.

These ports are each synchronised to a common clock allowing development engineers to monitor multiple points in the network and aggregated links, and time correlate trace information for anomalies.

The analyser also boasts a large 4Gbyte capture memory that is expandable to 8Gbyte, enabling deep capture of over eight million frames for analysis over extended time periods.

The 10Gbit/s SFP+ analyser has already been ordered by customers in military and aerospace for embedded systems development and advanced military applications, and in data communications and telecommunications markets for storage development and networking applications.

The 10Gbit/s Ethernet test solution is part of the comprehensive Absolute Analysis Investigator application suite for protocol testing and development including protocol analyser, protocol editor and traffic generator.

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