

## 32-Bit Windows Ethernet Analyzer Features

	The AG Group EtherPeek 2.0 (Beta)	Network General NetXRay 3.0	Network Instruments Observer 4.0e	Shomiti Surveyor 2.1	Triticom LANdecoder32 1.10
<b>Network Monitoring:</b>					
Utilization	●	●	●	●	●
Frame rate	○	●	○	○	●
Errors	●	●	●	●	●
Throughput (octets/sec)	○	●	●	●	●
Frame size	○	●	●	●	●
Long-/short-term baselining	○/●	○/●	●/●	●/●	○/●
Host tables	●	●	●	●	●
Conversation matrix	●	●	●	●	●
Layer 3 protocol stats	●	●	●	●	●
Application layer protocol stats	○	IP, IPX	IP	IP, IPX	IP, IPX
<b>Protocol Decodes:</b>					
IP suite	ARP, BOOTP, Cayman IP Atalk, CSO, CU-SeeMe, DHCP, DNS, EGP, Finger, FTP, gopher, HTTP, ICMP, IGMP, IGRP, IPv4, IPv6, NFS, NNTP, NTP, POP2, POP3, RARP, RIP, rlogin, RPC, rsh, SMIP, SMTP, SNMP, SNMP Trap, TCP, telnet, TFTP, UDP	ARP, BGP, BOOTP, DHCP, DNS, EGP, FTP, GDP, GREv2 PPP, HTTP, HTTPS, ICMP, IGMP, IGRP, IPCP, IP-in-IP, IPmobil, IPv4, IPv6, IPXCP, LCP, LQM, NetBIOS/SMB, NetWare/IP, NFS, NNTP, OSPF, POP3, RARP, RIP, RIPv2, RPC, SMTP, SNMP, SNMPv2, TCP, telnet, TFTP, UDP	ARP, BOOTP, FTP, ICMP, IPv4, LPD/LPR, NetBIOS/SMB, OSPF, RARP, RIP, RPC, SNMP, TCP, telnet, TFTP, UDP	ARP, BGP3, BOOTP, DHCP, DNS, EGP, FTP, GGP, gopher, HTTP, ICMP, IGMP, LPR/LPD, MIME, Mount, NetBIOS, NFS, NIS, NNTP, NTP, OSPF, POP3, PortMapper, RARP, rcp, rexec, RIP, rlogin, RPC, rsh, SMTP, SNMP, TCP, telnet, TFTP, UDP, WebNFS, X Windows, XDR	ARP, BOOTP, DNS, DNS, EGP, EGP, FTP, GGP, GGP, HTTP, ICMP, IPv4, IRC, IRC, Mount, NFS, NIS, NNTP, OSPF, POP3, PortMapper, RARP, rexec, rlogin, RPC, rsh, rsh, rwho, SMTP, SMTP, SNMP, TCP, telnet, TFTP, UDP
Novell (IPX) suite	Diagnostic, Echo, Error, IPX, NCP, NetBIOS, PEP, RIP, SAP, SAP, SPX	Diagnostics, Echo, Error, IPX, LIP (burst mode), NBCAST, NCP, NDS, NetBIOS/SMB, NLSP, RIP, SAP, Serialize, SNMP, SPX, Watchdog	IPX, NBCAST, NCP, NDS, NLSP, Packet Burst, RIP, SAP, Serialize, SPX, Watchdog	IPX, NCP, NDS, NetBIOS, NLSP, Packet Burst, Ping, RIP, SAP, SPX, SPX II	Echo, Error, IPX, Lite, NCP, NDS, NETBIOS, NLSP, PEP, RIP, SAP, SPX
Digital suite	Diagnostics, LAT, LAVC, MOP, NetBIOS/SMB	DAP, DRP, LAT, NSP, SCP, SMB	DRP, LAT, MOP, NSP, SCP, SMB	CTERM, DAP, DRP, FOUND, MOP, NICE, NSP	DRP, LAT, NSP, SCP
Other	AppleTalk, Cisco Discovery, OSI, VINES IP, XNS	AppleTalk, Cisco ISL FDDI, IEEE 802.10, IEEE 802.1Q, NetBEUI, SMT(7.3), SNA, VINES	AppleTalk, NetBEUI, SNA	AppleTalk, Cisco IGRP, Cisco ISL, NetBEUI, Oracle TNS, Sybase TDS, VINES	AppleTalk, NetBEUI, OSI, SNA, VINES
<b>Capture/Display Filters:</b>					
Filter by station (MAC address)	●	●	●	●	●
Filter by IP address/logical name	●/●	●/●	●/●	●/●	●/●
Filter by Layer 3 protocol	●	●	●	●	●
Filter by IP/IPX application layer	●/●	●/●	●/●	●/●	●/●
Conversation matrix linked to filters	○	●	○	○	○
<b>Address Book:</b>					
Passive address discovery	○	●	●	●	○
Active IP address discovery	○	●	●	○	○
DNS resolution	●	●	●	○	○
<b>Expert Systems:</b>					
Detects duplicate IP addresses	○	○	●	○	●
Novell diagnosis	○	○	○	○	●
TCP diagnosis	○	○	○	○	●
AppleTalk diagnosis	○	○	○	○	●
Active network testing	○	○	●	○	○

● Yes ○ No

## 32-Bit Windows Ethernet Analyzer Features (continued)

	The AG Group EtherPeek 2.0 (Beta)	Network General NetXRay 3.0	Network Instruments Observer 4.0e	Shomiti Surveyor 2.1	Triticom LANdecoder32 1.10
<b>Traffic Generation:</b>					
Includes traffic generator	●	●	●	●	○
Edits packet	●	●	●	●	○
Replays capture buffer	●, in final release	●	●	●	○
Edits packets in buffer	○	○	○	●	○
<b>Alarms:</b>					
Sets alarm thresholds	○	●	●	●	●
Alarm actions	N/A	SMTP e-mail, pager/ beeper, run VBScript, send SNMP trap via script, write to log, sound	Write to log, log window, pop up write window, to printer, execute external program	MS Mail, message, log file, pager, stop, start or restart capture	Log to file, log window, sound
<b>Platforms:</b>					
Windows95/NT	●/● (Macintosh version also available)	●/●	●/●	●/●	●/●
Minimum hardware configuration	Pentium, 16 MB	Pentium, 16 MB (95), 20 MB (NT)	Pentium 133, 16 MB	Pentium 133, 16 MB (95), 32 MB (NT), 800x600 display	Pentium, 16 MB
Hardware option available	○	FDDI or Fast Ethernet products available	○	Century Media Modules (ISA) and Explorer Standalone Module	○
Distributed version available	○	●	Analyst/probe available as separate product	Surveyor Remote plug-in	RMON support
Price	\$995	\$995	\$695	\$995 (standalone), \$1,295 (includes one plug-in, Packet Blaster; remote modules available)	\$1,995

● Yes ○ No