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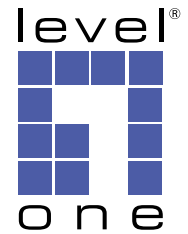
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LevelOne Products 2005



Active Network LevelOne



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LevelOne FreeCon Wireless LAN

Wireless Network of the New Generation

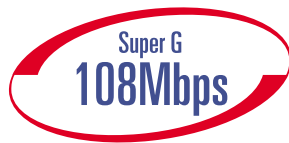
The LevelOne Super-G Wireless components (108Mbps) provide optimal performance concerning data transmission rate and distance. They are perfect for sophisticated applications.

The WEP and WPA encoding guarantees necessary security according to industrial standards.

As the LevelOne devices comply with standard 802.11b and .11g, they may be used in all existing wireless networks as well as in all new and high-performance networks that will be built up.



WAP-0003



WNC-0300



WAP-0005



WPC-0300



WNC-0302USB

108Mbps Wireless LAN

Model No.	Transmission rate	Function	Port	PoE
WAP-0003	54/108Mbps + WDS	Access Point	1 x 10/100Mbps	-
WAP-0005	54/108Mbps + WDS	Access Point	1 x 10/100Mbps	V
WPC-0300	54/108Mbps	PCMCIA Card	32Bit CardBus	-
WNC-0300	54/108Mbps	PCI Card	PCI	-
WNC-0302USB	54/108Mbps	USB 2.0 Adapter	USB 2.0	-

LevelOne FreeCon Wireless LAN

Wireless Networking safe and fast

The LevelOne wireless adapter enables easy connection of desktop systems to a wireless network with a speed of up to 54Mbps. The 64 and 128 Bit WEP and WPA code guarantees high security. The simple handling provides fast installation of the components.

- Complies with IEEE 802.11b and 802.11g
- Up to 54Mbps and 11Mbps at 802.11b
- Downward compatible to 11 Mbps device in 802.11b standard
- Network security with 64/128-bit WEP, 802.1x, WPA
- Uses 2.4 12~ 2.484 GHz frequency band
- Quick and easy setup with web-based management/configuration utility
- Supports Windows 98SE/ME/2000/XP



LevelOne Pocket AP Router

- Manual switching among AP, client and Router operation mode
- The smallest AP Router
- Powered by PC's USB when it works in client mode



54Mbps Wireless LAN

Model No.	Transmission rate	Function	Port
WPC-0301	54Mbps	PCMCIA Card	32Bit CardBus
WNC-0301	54Mbps	PCI Card	PCI
WNC-0301USB	54Mbps	USB 2.0 Adapter	1 x USB 2.0
WNC-0303USB	54Mbps	USB2.0+WiFi detector	1 x USB 2.0
WAP-0004	54Mbps	Access Point, Client, Router	1 x 10/100Mbps
WAP-0006	54Mbps	Access Point + WDS	1 x 10/100Mbps

LevelOne FreeCon Antennas



2,4 GHz Antennas for Wireless LAN

Model No.	Description	operating area	radiation	enhancement	Frequency Band
OAN-1040	desktop	indoor	omni-directional	4 dBi	2,4GHz
OAN-1030	ceiling	indoor	omni-directional	3 dBi	2,4GHz
OAN-2080	outdoor	outdoor	omni-directional	8 dBi	2,4GHz
WAN-1160	desktop	indoor	directional (sector)	6 dBi/4 dBi	2,4/5GHz
WAN-2112	patch	indoor	directional	12 dBi	2,4GHz
WAN-2085	patch	indoor/outdoor	directional (sector)	8,5 dBi	2,4GHz
WAN-2118	yagi	outdoor	directional	18 dBi	2,4GHz

LevelOne 11g WLAN Outdoor AP / Bridge

The LevelOne Outdoor Access Point is qualified for most Indoor/Outdoor applications. The waterproofed case with integrated heater secures function of the device in rough environments (WAB-1000H). The devices comply with IEEE 802.11b/g standard with a data transmission rate of up to 54Mbps and work in AP-, Repeater- and Bridging mode at the same time. Security functions like 64/128bit WEP and AES/3DES encoding, Wi-Fi protected access (WPA) and 802.1x user authorization secure the wireless network.

"Rogue Access Points" will be recognized to secure your network from unauthorized access.

You can extend the scope of the wireless network with the LevelOne antenna series.

Furthermore the devices support the Power over Ethernet Standard IEEE802.3af for supply of power via ethernet cable.

- Complies with IEEE 802.11b/g
- Operates simultaneously in AP mode, repeater or bridging mode
- Supports strong wireless security including 64/128-bit WEP, AES/3DES encryption, WPA, 802.1x
- Supports SNMP v.3 network management
- Supports POE function
- Weatherproof, sturdy, for outdoor use
- 1 WAN port, 1 LAN port
- Detects 'rouge APs'
- RF management for variable power control
- Works with a variety of antennas
- Weatherproof down to -30° Celsius (WAB-1000H)



WAB-1000

108Mbps Wireless Mesh Outdoor AP/Bridge

- Dual Spectrum Operation: complies with IEEE 802.11a/b/g standard
- Self-Forming, Self-Configuring, Self-Healing mesh network-up to 40 nodes
- Supports 64/128/152-bit WEP and AES-CCMP/ WPA2/ IEEE 802.11i wireless security standard
- Supports Transmit Power Control
- Easy Installation and Maintenance
- Rugged, High throughput with extended range



WAB-2000A

LevelOne 11g Wireless Outdoor AP / Bridge

Model No.	Ports	Transmission rate	Function
WAB-1000A	1 x WAN, 1 x LAN	54Mbps (b/g)	Wireless Outdoor AP / Bridge
WAB-1000H	1 x WAN, 1 x LAN	54Mbps (b/g)	Wireless Outdoor AP / Bridge with heater
WAB-2000A	1 x WAN, 1 x LAN	54Mbps/108Mbps (a/b/g)	Wireless Outdoor Mesh AP / Bridge

LevelOne NetCon Broadband Router

Entering the network safe and fast

LevelOne provides an optimal selection of routers for any kind of application. All devices comply with up-to-date industrial standards and offer a good choice for various different applications. All LevelOne routers are equipped with 4port 10/100Mbps switch and firewall. Some models offer additional features like VPN-connections, wireless LAN, ADSL modem, printer connection or DZM-port.

- Supports PPPoE, PPTP, L2TP, static and dynamic IP
- NAT firewall with SPI
- Access Log
- DHCP server
- Support of Virtual Server, Special Application, DMZ Host
- VPN see table below
- Easy Setup via web-based management



FRT-2101TX



FBR-1415TX



FBR-1418TX

LevelOne NetCon Broadband Router

Model No.	WAN Port	LAN Port	Printer Port	DMZ-Port	VPN
FRT-2101TX	1xISDN	1xRJ45 ISDN-SO	-	-	pass through
FBR-1411TX		1xRJ-45	-	V	IPSec Server (40)
FBR-1415TX		1xRJ-45	1xparallel, 1xUSB	-	pass through
FBR-1417TX		1xRJ-45	1xparallel, 1xUSB	-	IPSec Server (8)
FBR-1418TX		1xRJ-45	-	-	pass through

LevelOne 2-WAN Broadband Router

- 2 WAN ports for outbound load balancing and fail over connections
- Dedicate 1 DMZ connection
- Built-in IPSec and PPTP VPN (VPN Router)
- Smart NAT (Routing by Optimal Path)/ Multiple NAT
- Full Firewall Functions
- VPN Connection Tunnels; IPSec(250)
- Hardware-based DES & 3DES IPSec and 256-bit AES encryption



FBR-2000

LevelOne 2-WAN Broadband Router

Model No.	WAN port	LAN port	DMZ-port	VPN
FBR-2000	2 x RJ-45	1 x RJ45	1 x RJ45	IPSec and PPTP VPN (200)

LevelOne NetCon Wireless AP Broadband Router

- Supports PPPoE, PPTP, L2TP, static and dynamic IP
- 4x10/100Mbps LAN ports
- NAT firewall with SPI
- DHCP server
- Support of virtual server, special application, DMZ Host
- VPN see table below
- Easy setup via web-based management
- Supports 802.11g, 802.11b, WPA, 802.1x mode
- 64/128 bit WEP encryption
- Frequency: 2.412~2.484GHz



WBR-3405TX v2



WBR-3403TX



WBR-3406TX



WBR-3404TX

LevelOne NetCon Wireless Broadband Router

Model No.	Wireless	Printer Port	VPN
WBR-3403TX	54 Mbps	1x Parallel	IPSec Server/ 5 tunnel
WBR-3404TX	54 Mbps	1x USB	IPSec Server/ 5 tunnel
WBR-3405TX	54/108 Mbps	-	Pass Through
WBR-3406TX	54 Mbps	-	Pass Through

LevelOne NetCon ADSL Router

LevelOne ADSL-Modem Router

- ADSL multimode standard: ANSI T1.413, Issue 2; ITU-T, G.992.1; ITU-T G992.2
- ATM attributes : ATM forum UNI 3.1/4.0 PVC; F4/F5 OAM
- Protocols : LLC and VC-based multiplexing; multi-protocol over AAL5(RFC1483/2684); classical IP over ATM (RFC 1577);
- PPP over AAL5 (RFC 2364); PPP over ethernet
- 4 x 10/100 Mbps LAN ports
- 1 x RJ11 WAN port
- Works with dynamic IP address and fixed IP address; PPPoE, and PPPoA
- URL-filter, packet-filter
- Supports DHCP
- Password protection for configuration
- NAT/SPI firewall
- Protection against Denial of Service (DoS) attacks
- Configuration via webbrowser



FBR-1407A



WBR-3402A

LevelOne Wireless ADSL Router

- Complies with IEEE 802.11b, 802.11g for wireless LAN
- 64/128 bit WEP encryption
- Frequency range: 2.412~2.484GHz

ANNEX A:

DSL by analogue telephone

ANNEX B-UR2:

for all T-DSL based connections



FBR-1416A



WBR-3407A

LevelOne ADSL-Modem- Router

Model No.	ANNEX Mode	VPN	Wireless	Printer Port
FBR-1407A	ANNEX A	IPSec Server/Client	-	Parallel Port DB25
FBR-1407B	ANNEX B-UR2	IPSec Server/Client	-	Parallel Port DB25
WBR-3402A	ANNEX A	IPSec Server/Client	54Mbps	USB
WBR-3402B	ANNEX B-UR2	IPSec Server/Client	54Mbps	USB
FBR-1416A	ANNEX A	pass through	-	-
FBR-1416B	ANNEX B-UR2	pass through	-	-
WBR-3407A	ANNEX A	IPSec Server/Client	54Mbps	-
WBR-3407B	ANNEX B-UR2	IPSec Server/Client	54Mbps	-

LevelOne ProCon 19" Switch

Level One ProCon Fast Ethernet and Gigabit Ethernet Switch Professional networking technology for flexibility and best performance – Networks can be extended and developed cost effectively with the LevelOne ProCon Switches. Fiber Optic distances for backbone connections and electromagnetic sensible environments can be built up.

LevelOne ProCon Fast Ethernet Switch

- Complies with IEEE 802.3 and 802.3u standard
- Full and half duplex mode
- Autonegotiation
- Auto-Uplink for all ports
- Wire speed performance
- Store and forward switching method



FSW-1609TFX, FSW-2409TFX, FSW-3209TFX

LevelOne ProCon Fast Ethernet Switch

Model No.	Ports	Slide-in Slot	Mac-Adress-Memory	Buffer Memory	Backplane
FSW-1610TX	16 x 10/100 Mbps	x	8K	4 Mb	3,2 G
FSW-2410TX	24 x 10/100 Mbps	x	8K	4 Mb	4,8 G
FSW-1609TFX	16 x 10/100 Mbps	1	16 K	4 Mb	3,2 G
FSW-2409TFX	24 x 10/100 Mbps	1	24 K	1,5 Mb	4,8 G
FSW-3209TFX	32x 10/100 Mbps	1	32 K	2 Mb	6,4 G

LevelOne ProCon Gigabit Ethernet Switch

- Complies with IEEE802.3, 802.3u, 803.3ab
- 16/24 Gigabit ethernet ports with non-blocking wire speed performance
- Store-and-Forward switching method
- Supports full and half duplex for all ports
- Auto-uplink for all ports



GSW-1652T



GSW-2453

LevelOne ProCon Gigabit Switch

Model No	Ports	Optional Module	Mac Address	Packet Buffer	Jumbo Frame
GSW-1652T	16 x 10/100/1000Mbps		8K	4M	9K
GSW-2452T	24 x 10/100/1000Mbps		8K	4M	9K
GSW-1655	16 x 10/100/1000Mbps + 2x SFP		8K	2,2M	9K
GSW-2455	24 x 10/100/1000Mbps + 2 x SFP		8K	2,2M	9K
GSW-2453	-	8-port 1000T 8-port SFP 4-port 1000T + 4-port SFP	4K	2,2M	-
GSW-2454	24 x 10/100 Mbps + 2 x 10/100/1000 Mbps		8K	2,5M	-

LevelOne Switch modules

Model No	Description	Compatible switch
MDU-0122FXT	1-port ST 100FX fiber module	FSW-1609TFX/2409TFX/3209TFX
MDU-0123FXC	1-port ST 100FX fiber module	FSW-1609TFX/2409TFX/3209TFX
MDU-2453T	8-port 1000T	FSW-2453
MDU-2453M	8-port SFP	FSW-2453
MDU-2453TM	4-port 1000T+ 4-port SFP	FSW-2453

LevelOne ProCon 19" Web Smart Switch

The LevelOne Smart Switches provide you with access to the state of the art switch technology. The new smart switch family offers flexibility and speed (gigabit ethernet) with an attractive price/performance relation. Up to 50 ports are available, automatic recognition of transmission rate and auto-uplink are included. The web-browser interface enables easy configuration and monitoring of for e.g. VLANs, port-priority and port-trunking. Backbones are realized easily via gigabit copper ports or optional with GBIC transceivers for fiber optic.

- Complies with IEEE 802.3, 802.3u, 802.3z
- Auto-Uplink for all ports
- Full/Half duplex mode at 10/100Mbps
- Full duplex at 1000Mbps
- Wire-Speed throughput
- Easy configuration via webbrowser
- Supports port based VLAN
- Supports port based QoS
- Supports trunking
- Supports port mirroring
- Each port can be configured: enable/disable, speed, duplex mode and flow control
- Store-and-Forwarding switching method



GSW-4870TGX



GSW-2472TGX



GSW-2475T



GSW-4875

LevelOne ProCon Intelligent Switch with Web-Management

Model No.	Ports	Expandable with Fiber	Mac-Adress-Memory	Buffer Memory	Back Plane
GSW-2472TGX	24 10/100BASE-TX + 2 x 10/100/1000T	2 x SFP	6K	3,0Mb	8,8G
GSW-4870TGX	48 x 10/100BASE-TX + 2 x 10/100/1000T	2 x SFP	8K	6,0Mb	9,6G
GSW-1675T	16 x 10/100/1000T	2 x SFP	4K	2,2Mb	32,0G
GSW-2475T	24 x 10/100/1000T	2 x SFP	8K	3,2Mb	38,0G
GSW-1674T	16 x 10/100/1000 T	-	4K	2,2Mb	32,0G
GSW-2474T	24 x 10/100/1000 T	-	8K	3,2Mb	38,0G
GSW-4875	48 x 10/100/1000 T	4 x SFP	8K	12,8Mb	96G
FSW-2470	24 x 10/100 Base-TX	1x100Base Tx(SC)	4K	1,25Mb	4,8G
FSW-1670	16 x 10/100Mbps (8 of 16 ports support POE)	-	4K	4,0Mb	3,2G

mini GBIC Transceiver for SFP Interface

Model No.	Ports
GVT-0300	1000Base- SX SFP (550m) LC Fiber
GVT-0301	1000Base- LX SFP (10km) LC Fiber
GVT-0302	1000Base- ZX SFP (70km) LC Fiber



GVT-0300 miniGBIC Transceiver Fiber LC

LevelOne Procon 19" Layer 2 SNMP Switch

This high performance series provides various management functions with gigabit power. Flexibility and high performance guarantee optimal data transmission rates for high capacity applications, Quality of Service, VoIP or Video-Conferencing.

- Supports Full- and Half-Duplex
- Stack management with one IP
- High density backplane
- Port bandwidth control
- Port-Based VLAN / 802.1Q VLAN
- Broadcast storm filter
- IEEE802.1p Class of Service (CoS)
- Port security
- IEEE802.1x user-authentication
- 802.1d Spanning Tree Protocol
- Easy configuration via Web-Management
- Port mirroring
- Supports GVRP
- IEEE802.3ad port trunk with LACP



GSW-1290



GSW-2492



GSW-2493

LevelOne ProCon SNMP 19" Switch

Model No.	10/100TX	100FX	1000T	GBIC	SFP	Stackable	POE
GSW-1290			4(Built-in) 4/8(Optional Module)		4(Built-in) 4/8(Optional Module)	V	X
GSW-2492	24(Built-in)		2(Optional Module)	1(Optional Module)		V	X
GSW-2493	8/16/24 (Optional Module)	8/16/24 (Optional Module)	2(Optional Module)		2(Optional Module)	Virtual Stack	X
GSW-2690	24(Built-in)		2(Built-in)		2(Built-in)	Virtual Stack	X
GSW-2494			24(Built-in)		2(Built-in)	Virtual Stack	X
GSW-1291			12(Built-in)			Virtual Stack	V

SNMP Switch Compatible Modules

Model No.	Description
GSW-1290 MDU-1290T	4-port 1000T module
MDU-1290M	4-port SFP module
MDU-1290S	4-port Stacking module
GSW-2492 MDU-2492S	Stacking + GBIC slot module
MDU-2492T	2-port 1000T module
GSW-2493 MDU-2493SXSC	8-port 100FX (SC) module
MDU-2493TX	8-port 100TX module
MDU-0140	2-port 1000T copper module
MDU-0140	2-port SFP module

Transceiver for SFP (mini GBIC) interface

Model No.	Ports
GVT-0300	1000Base-SX SFP (550m) LC Fiber
GVT-0301	1000Base-LX SFP (10km) LC Fiber
GVT-0302	1000Base-ZX SFP (70km) LC Fiber

GVT-0300 miniGBIC
Transceiver Fiber LC

LevelOne ProCon Converter Series

The Media Converter series has been extended with Gigabit components to meet the demand of the market concerning the development of innovations. Some products of this series can be installed in the related 19" rackmountable chassis. Various segments with different standards may be organized at this central place. Power supplies are included so that the devices can also be used separately.

FVT-2000:

- 19" Converter-Chassis 2U
- 10 slide-in slots for converters
- 19" rackmountable or stand-alone operation
- Plug&Play installation of converter
- modules by internal power supply backplane
- Redundant power supply
- DC-output 5V / 65W



FVT-2000



GVT-1000



FVT-0102 TXFC



FVT-0102 TXFT



FVT-0101 TXFC



GVT-0100 SX



FVT-0103 TXFC



FVT-0104 TXFC



FVT-0203 TXFC



FVT-0204 TXFC

LevelOne ProCon Converter Series

Model No.	Description	Chassis installable
FVT-2000	Converter Chassis	
FVT-0101TXFC	10/100TX(STP/RJ45) ↔ 100FX(Fiber/SC-Singlemode) (20km)	V
FVT-0102TXFC	10/100TX(STP/RJ45) ↔ 100FX(Fiber/ST-Multimode)	V
FVT-0102TXFT	10/100TX(STP/RJ45) ↔ 100FX(Fiber/SC-Multimode)	V
FVT-0103TXFC	10/100TX(STP/RJ45) ↔ 100FX(Fiber/SC-Multimode) POE converter	X
FVT-0104TXFC	10/100TX(STP/RJ45) ↔ 100FX(Fiber/SC-Singlemode) POE converter (20km)	X
FVT-0203TXFC	10/100TX(STP/RJ45) ↔ 100FX(Fiber/SC-Multimode) converter w/POE Injector	X
FVT-0204TXFC	10/100TX(STP/RJ45) ↔ 100FX(Fiber/SC-Singlemode) converter w/POE Injector (20km)	X
GVT-1000SX	1000BaseT ↔ 1000BaseSX(SC)	V
GVT-1000	1000BaseT ↔ miniGBIC-Slot for 1000BaseSX/LX(LC)	X

LevelOne PalmCon Switch

High performance technology for Peer-to-Peer networks or Client-Server environments. The representative products of the PalmCon series just need small space and convince with their price/performance relation. The soundless devices are well suitable for SoHo environments.

PalmCon 10/100Mbps Switch

- Complies with IEEE 802.3ab, 802.3x (GSW-o840T v2 only)
- Dual-Speed for every port (RJ45)
- NWAY Auto-Negotiation for every port
- Auto-Uplink for every port possible
- Flow-Control for every port
- Data-Filtering/Forwarding at full wire speed



FSW-0507 TX



FSW-0807 TX

LevelOne PalmCon Switch for desktop or wallmounting

Model No.	Ports	Mac-Adress-Memory
FSW-0507TX	5 x 10/100Mbps	4 K
FSW-0807TX	8 x 10/100Mbps	4 K
FSW-0508TX	5 x 10/100Mbps	1 K
FSW-0808TX	8 x 10/100Mbps	1 K

LevelOne OfficeCon Switch

More power for your network. The high performance devices of the OfficeCon series provide 10, 100 or 1000Mbps. Additional smart functions are available. You can choose between desktop version and 19" rackmountable devices.

- Complies with IEEE 802.3, 802.3u,
- All ports with auto-negotiation
- Flow-control at full duplex, back-pressure at half-duplex
- Web-based management (FSW-1641TX/2441TX only)
- Port-based VLAN (FSW-1641TX/2441TX/GSW-o840T v2 only)
- external power supply
- Store-and-Forward switching
- with 19" rackmount kit



FSW-1620 TX, FSW-2420 TX



FSW-1641 TX, FSW-2441 TX + 19"

LevelOne OfficeCon Switch

Model No.	Ports	Mac-Adress-Memory	Buffer Memory	Backplane
FSW-1620 TX	16 x 10/100Mbps	8 K	512KB	3,2G
FSW-2420 TX	24 x 10/100Mbps	8 K	320KB	3,2G
FSW-1641TX	16 x 10/100Mbps	4 K	512KB	3,2G
FSW-2441TX	24 x 10/100Mbps	4 K	768KB	4,8G
GSW-o840Tv2	8 x 10/100/1000Mbps+1xminiGBIC	7 K	1,5MB	16G

LevelOne SohoCon Desktop Switch

The SohoCon series provides the integration and installation of Fast Ethernet, Gigabit Ethernet and Fiber. The soundless switch with elegant design is ideal for flexible networks in small teams in offices. In competition the representative, high performance devices offer the decisive advantage.

- All ports auto-negotiation
- Auto Uplink for all ports
- Speed auto-detect & address learning
- Store-and-Forward switching
- Full- and half-duplex flow control
- LEDs show 10/100, LNK/ACT and FDX/COL
- internal power supply (FSW-2205TX/2208TX)



FSW-2105 TXFC, FSW-2105 TXFT



FSW-1602TX



FSW-2208TX

LevelOne SohoCon Fast Ethernet Switch

Model No.	Ports	Mac-Adress- Memory	Buffer Memory	Power supply
FSW-2105TXFC	4 x 10/100Mbps & 1 x SC 100Mbps	8 K	256 KB	external
FSW-2105TXFT	4 x 10/100Mbps & 1 x ST 100Mbps	8 K	256 KB	external
FSW-2105TX	5 x 10/100Mbps	1 K	512 KB	external
FSW-2108TX	8 x 10/100Mbps	1 K	512 KB	external
FSW-2205TX	5 x 10/100Mbps	2 K	128 KB	internal
FSW-2208TX	8 x 10/100Mbps	4 K	256 KB	internal
FSW-1602TX	16 x 10/100Mbps	8 K	512 KB	external



GSW-0803

LevelOne SohoCon GigaBit Ethernet Switch

Model No.	Ports	Mac-Adress-Memory	Buffer Memory	Power supply
GSW-0503	5 x 10/100/1000 Mbps	1M	4K	external
GSW-0803	8 x 10/100/1000 Mbps	1M	4K	external
GSW-0504	5 x 10/100/1000 Mbps	1M	4K	internal
GSW-0804	8 x 10/100/1000 Mbps	1M	4K	internal
GSW-0505	4x 10/100/1000 Mbps+1xSFP	1M	4K	external

LevelOne ServCon Printer Server

Minimum space requirements and cost effective

The LevelOne print servers offer intelligent solutions for printing in the network. They are the ideal solution for any application like wireless or wired, parallel or USB connection, General printer or MFP printer.

- Complies with IEEE802.3 10BaseT 100BaseTX ethernet
- Protocols: TCP/IP, AppleTalk
- Printer-Protocols: PTP over TCP/IP, SMB, EtherTalk, IPP
- Operating systems: Win 95 / 98 / 2000 / ME / XP / MacOS9.x
- External power supply



FPS-2013TXU



FPS-2111TXU

LevelOne Desktop Printer Server

Model No.	LAN Ports	Printer Ports	Print throughput	Memory	Size
FPS-2111TXU	RJ45 10/100Mbps	1 x Parallel	≤ 200 Kb/s	256 Kb	Desktop
FPS-2013TXU	RJ45 10/100Mbps	3 x Parallel	≤ 200 Kb/s	256 Kb	Desktop
FPS-2112TXU	RJ45 10/100Mbps	1 x Parallel, 1 x USB	≤ 200 Kb/s	256 Kb	Desktop



WPS-0104



FPS-3001TXU



FPS-3002USB

LevelOne Pocket Printer Server

Model No.	Network	LAN Ports	Printer Ports	Print throughput	Memory	Size
FPS-3002USB	LAN	RJ45 10/100Mbps	USB	≤ 650 Kb/s	4M RAM	Pocket
FPS-3001TXU	LAN	RJ45 10/100Mbps	Parallel	≤ 200 Kb/s	256 Kb	Pocket
WPS-0104	Wireless	RJ45 10/100Mbps	USB	≤ 200 KB/s	256Kb	Pocket

- Shares 2 USB devices on the network
- Shares printer/scanner function for HP MFPs only
- Supports general USB printer and USB Storage
- Easily setup through Web Browser



FPS-3003



WUS-3200

LevelOne USB/MFP Server

Model No.	Network	LAN Ports	USB Ports	Print throughput	Memory
FPS-3003	LAN	RJ45 10/100Mbps	2xUSB 2.0	≤ 200 KB/s	256Kb
WUS-3200	54Mbps Wireless	RJ45 10/100Mbps	2xUSB 2.0	≤ 200 KB/s	256Kb

LevelOne VoiceCon

With the growing popularity of VoIP in mind, LevelOne has created new line of VoiceCon products to provide the cutting-edge VoIP solution. From basic VoIP adapters to enterprise-level VoIP gateways, the VoiceCon series offer a level of performance for high voice quality transmissions and cost-effective communications

End-User H.323 Solution

- Easy configuration
- Supports H.323 v3 standard
- Supports G.723.1 (6.3k/5.3k), G.711(A-law/ μ -law) Voice Codec
- Supports Telnet, TFTP and PPPoE protocols
- Support G.168 Echo Cancellation



Model No.	Telephone port	Ethernet port	Function
VOI-1000	1FXS	1 x RJ-45 ports	VoIP adapter
VOI-1020	1FXS	2 x RJ-45 ports	VoIP adapter
VOI-9000	-	1 x RJ-45 ports	H.323 GK Server
VOI-9100	-	1 x RJ-45 ports	H.323 IP PBX

Enterprise H.323 Solution

- Supports H.323 v3 standard
- Supports G.723.1 (6.3k/5.3k), G.711(A-law/ μ -law), G.729 A/B Voice Codec
- Supports T.38 real-time fax relay for interoperability among other VoIP facilities
- Support G.168 Echo Cancellation
- Supports VAD and CNG bandwidth control
- Remote software upgrade through TFTP



Model No.	Telephone ports	PSTN Backup
VOI-2000	2FXS	Y
VOI-4000	4FXS	-
VOI-4001	2FXS + 2FXO	-
VOI-8000	VOI-8000s for 4FXS, VOI-8000o for 4FXO	-

VOI-8000 Modules

Model No.	Telephone ports
VOI-8000s	4-port FXS
VOI-8000o	4-port FXO

SIP Solution

- Complies with SIP v2.0
- Integrated IP-Sharing Router (for VOI-1110/2110/4100)
- Supports G.723.1 (6.3k/5.3k), G.711(A-law/ μ -law), G.729 A/B Voice Codec
- Supports T.38 realtime fax relay for interoperability among other VoIP facilities (for VOI-2110/4100)
- Support G.168 Echo Cancellation
- Supports VAD and CNG bandwidth control
- Remote software upgrade through TFTP



Model No.	Telephone ports	IP Sharing	T.38 FAX Supports	Web-based Management
VOI-1110	1FXS	Y	N	Y
VOI-2100	1FXS + 1FXO	Y	N	Y
VOI-2110	2FXS	Y	Y	Y
VOI-4100	4FXS	N	Y	Y

LevelOne ServCon Projector Server

Flexible

The LevelOne projector server WPG-1000 provides professional representation of your data.

The device will be connected to a projector via VGA cable and will be integrated in the company network with switch and patchcord.

Wireless access to the WPG-1000 is available at 2.4GHz frequency with data transmission rate of 54Mbps.

This new technology provides a flexible integration of all participants ideal for conferences, congresses, meetings, trainings etc.

Easy

Plug&Play connection of the WPG-1000: the projector server automatically searches for a network address and other parameters on the DHCP server of the network.

Security

The LevelOne projector server communicates with PCs in the LAN by its player program. With this utility you can allow PCs in the LAN to access the presentation. Presentations may be stored directly on the memory of the projector server (64MB) for presentation without PC.

The WPG-1000 supports 64/128bit WEP (Wired Equivalent Privacy), that safes your data from unauthorized access.

- Complies with 802.3, IEEE 802.3u, IEEE 802.11b and IEEE 802.11g
- Presentation from a local PC via direct WLAN or a remote PC via LAN
- Built-in image viewer and 64 MB internal RAM for presentations without PC
- Resolution up to 1024x768 SXGA and 24-bit colors
- Wireless data rate up to 54Mbps, coverage up to 25m
- 64/128-bit WEP encryption
- Easy-to-use user interface
- Includes remote control



WPG-1000



LevelOne Ethernet Network Interface Card

The versatile series of fully developed Network Interface Cards by LevelOne offer economical and sophisticated solutions for Gigabit Ethernet and Fast Ethernet applications. As well as all other products these Network Interface Cards are intensively and carefully tested before being deployed to the market.



FNC-0103FX



FNC-0104FX



GNC-0105T



FNC-0109TX



GNC-0103SX



FNC-0107TX



FNC-0113TX



GNC-0106T

Product No.	Description	Speed	Port	Wake-on LAN	Interface	Chipset
FNC-0103FX	Fiber Fast Ethernet card	100 Mbps	ST fiber	x	32/64-bit	VIA
FNC-0104FX	Fiber Fast Ethernet card	100 Mbps	SC fiber	x	32/64-bit	VIA
FNC-0107TX	Fast Ethernet card	10/100 Mbps	RJ-45	V	32-bit	Realtek
FNC-0109TX	Fast Ethernet card	10/100 Mbps	RJ-45	x	32-bit	Realtek
FNC-0113TX	Fast Ethernet card	10/100 Mbps	RJ-45	x	32-bit	VIA
GNC-0103SX	Gigabit Fiber Ethernet card	1000 Mbps	SC fiber	x	32/64-bit	Marvell
GNC-0105T	Gigabit Ethernet card	10/100/1000 Mbps	RJ-45	x	32-bit	Realtek
GNC-0106T	Gigabit Ethernet card	10/100/1000 Mbps	RJ-45	V	64-bit	Marvell

LevelOne MobileCon

The increasing mobility causes more importance to the integration of notebooks into the network.

Any LAN uses mobile hardware. The MobileCon LAN adapter enables the easy integration of devices via USB or ethernet cable.



USB-0200



GPC-0107

LevelOne BlueCon

The tiny and light LevelOne bluetooth devices enable easy and advanced Wireless connection.



MDU-0001USB



MDU-0005USB



BLH-1000

Product No.	Description	Speed	Port	Interface
USB-0100TX	USB to Ethernet adapter	10/100 Mbps	RJ-45	USB v1.1
USB-0200	USB to Gigabit Ethernet adapter	10/100/1000 Mbps	RJ-45	USB v2.0
FPC-0106TX	Fast Ethernet Cardbus PC Card	10/100 Mbps	RJ-45	PCMCIA
GPC-0107	Gigabit Cardbus PC Card	10/100/1000 Mbps	RJ-45	PCMCIA
MDU-0001USB	Bluetooth USB adapter class 2	1 Mbps, 10 meter	Bluetooth v1.2	USB v1.1
MDU-0005USB	Bluetooth USB adapter class 1	1 Mbps, 100 meter	Bluetooth v1.2	USB v1.1
MDU-0025USB	Bluetooth USB adapter class 1	2 Mbps, 100 meter	Bluetooth v2.0	USB v1.1
BLH-1000	Bluetooth Headset	1 Mbps, 10 meter	Bluetooth v1.1	-

LevelOne CamCon IP Network Camera

The LevelOne CamCon IP Network Cameras provide live pictures via internet. The cameras are directly connected to the network, either wireless or with RJ45 patchcord. You can get access from any PC of the network or you can monitor worldwide via Web browser

- Complies with IEEE802.3, IEEE802.3u and IEEE802.11b/g (WCS-2030) / supported protocols: SMTP, HTTP, TCP/IP, DHCP, NTP
- Resolution: 160X120, 320X240, 640x480
- Shows live pictures from any PC via LAN or internet
- Built-in web server/ ethernet interface, no extra PC necessary
- MPEG-4 video compression (For FCS-1030/2030), MJPEG Compression (For FCS-1020)
- Scheduled recording utility for Windows
- User authentication ensures from unauthorized access
- supports DDNS for dynamic IP addresses
- E-mail alerts by motion detection (For FCS-1030/2030)
- User friendly web-based management



LevelOne CamCon IP Network Cameras

Model No.	Ports	Lens	Video
FCS-1020	1 x 10/100Mbps	CMOS	MJPEG
FCS-1030	1 x 10/100Mbps	CMOS	MPEG 4
WCS-2030	1 x 10/100Mbps + Wireless 54Mbps + Audio	CMOS	MPEG 4

LevelOne CamCon Pan/Tilt/Zoom IP Network Camera

- Supported Protocols: UPnP, TCP/IP, HTTP, SMTP,FTP,Telnet, NRP, DNS and DHCP
- Variable dimension of pictures, quality and bitrate
- Three configurable motion detection-adjustments
- Resolution: 176x144 and 352x288 at 25 fps
- 704x480 at 10fps (For WCS-2010/FCS-1040)
- External microphone-connection
- Turn (pan): +/- 135°, 15°-50°/s
- Lift / lower (tilt): +90 - -45°, 15° - 25°/s
- Auto pan mode
- 1/4" CCD sensor
- AGC/AWB
- One sensor input
- One alarm relay input
- MPEG4 for streaming video and MJPEG for images
- Time stamp and text-overlay
- Flip & mirror
- Video output-connection
- Internal microphone
- Audio out-connection



LevelOne CamCon Pan/Tilt/Zoom Network Camera

Model No.	Ports	Zoom	Lens	Video
FCS-1010	10/100Mbps + Audio	4xDigital Zoom	CCD	MPEG 4
WCS-2010	10/100Mbps + Wireless 54Mbps + Audio	4xDigital Zoom	CCD	MPEG 4
FCS-1040	10/100Mbps + 2-Way Audio	4xDigital Zoom, 10xOptical Zoom	CCD	MPEG 4, MJPEG

LevelOne CamCon Video Server

The LevelOne CamCon Video Server (CVS) is a digital network-based monitoring system. It cooperates with existing CCTV devices. The LevelOne CamCon Video Server can operate as part of an existing IP-monitoring system as well as single IP-monitoring system. Authorized users can watch camera pictures via webbrowser, store real-time videos or play stored videos. The flexible architecture of the device allows easy integration of available cameras, alarm- and access-control-systems of other manufacturers. The CVS are qualified as professional and easy to install monitoring solution for companies, production plants or in public buildings.

- BNC composite video input PAL/NTSC auto-sensing
- Resolutions: 160x120, 320x240, 640x240, 640x480 pixel
- 5 selectable compression rates
- Display: via IE-browser (Windows 98,ME, 2000,XP) 5.0 or higher
- Single channel, four channels, Picture-In-Picture mode,
- Sequential mode, video dimension (1xmode, 2xmode, full screen mode)
- 4/8 channels at the same time
- Multiple playback speed (1x, 2x, 4x, 8x, 16x, 1/2x, 1/4x, 1/8x, 1/16x speed)
- Storing as AVI while playback
- Video-compression: motion JPEG (supports multicast)
- Supports remote storing under Windows 98/ME/2000/XP, Linux/Unix, FTP, NAS
- Supports two different storage places
- Motion-detection with selectable sensitivity that causes a 30 second recording
- Event-handling: multiple interval, motion detection, video input loss, network fail, system fail, storage full
- Event-actions: recording, snapshot, e-mail, mobile phone SMS, audio warning alarm
- One RS232 and one RS485 Port (for P/T/Z control)



LevelOne CamCon Video Server

Model No. Channels

FCS-5004	4 channel camera server
FCS-5008	8 channel camera server

LevelOne CamCon Software

The CamCon Manager Software has especially been developed for the management of various CamCon Video Servers (CVS). Several cameras can be controlled at the same time by authorized users. A PC with the installed software becomes part of the monitoring system. Authorized users can configure, record and watch any picture of any camera. The optional CamCon Manager Software enables you to extend your monitoring system easily with any CVS and any compatible camera.

- Automatic search for CamCon video servers (CVS)
- Central configuration of several CVSs
- Basic plan shows the position of all cameras and I/O devices
- Interactive, centralized monitoring automatically switches to the channel that announces an event.
- Display of each CVS for authorized users
- Control of all CVSs via network and display of up to 20 cameras on one page
- Supports 1X, 4X, 9X, 12X, 20X channels in one menu
- Every channel can be from a different CVS



LevelOne CamCon Software

Model No. Software

FCS-9000	CamCon Software for unlimited number of CVS
FCS-9002	CamCon Software for 2 CVS
FCS-9004	CamCon Software for 4 CVS

LevelOne NASCon Network Attached Storage

The LevelOne Network Attached Storage solutions enable the integration of additional memory space into your network faster and easier than before. The RAID support provides data security. Due to support of the most common Network File Systems all devices may be used in standard networking environments.

- Embedded Linux OS
- Multilingual web-based management (for FNS-5000/6000/7000A, GNS-8000A)
- Simple access control of user-/group-management
- Supports Microsoft SMB, Apple Talk, NFS, FTP and Netware (for FNS-5000/6000/7000A, GNS-8000A)
- Raid technology for data security (for FNS-5000/6000/7000A, GNS-8000A)
- LCD (for FNS-5000/6000/7000A, GNS-8000A)
- SNMP notification, email-alerts and buzzer
- User and event logs
- DHCP server/client
- Integration in Windows NT domains possible

Additional for FNS-6000:

- 8 port switch
- Broadband router
- Printer server
- Supports DHCP, PPOE, PPTP



FNS-1000



FNS-5000



FNS-7000A



FNS-6000



GNS-8000A

Level One NasCon Network Attached Storage

Model	FNS-1000	FNS-5000	FNS-6000	FNS-7000A	GNS-8000A
Storage Management					
JBOD		■	■	■	■
RAID 0		■	■	■	■
RAID 1		■	■	■	■
RAID 5				■	■
Hot Spare				■	■
Disk usage statistic		■	■	■	■
Disk check/ auto recovery				■	■
Hardware					
Redundant Power Supply				■	■
Hot-swappable				■	■
Ultra-160 SCSI Port					■
RS-232 Port					■
1U, 19" rackmount		■			■
Broadband Router			■		
WAN Port			■		
LAN Port	10/100 Mbps	10/100 Mbps	8x 10/100 Mbps	2x10/100/1000 Mbps	2x10/100/1000 Mbps
Processor	Intel IXP 420 300MHz	NS GX1 300MHz	NS GX1 300MHz	VIA Eden 733MHz	Intel Celeron 1.2 GHz
Flash Memory	8MB	16 MB	16 MB	32 MB	32 MB
RAM	32 MB	128 MB	128 MB	256 MB	256 MB
Storage	1xIDE(ATA-100) 1 USB2.0 for USB Storage	2 x IDE (ATA-100)	2 x IDE (ATA-100)	4 x IDE (ATA-100)	4 x IDE (ATA-100)
Dimensions (mm)	?(L)x?(W)x?(H)	283(L)x340(W)x44(H)	234(L)x270(W)x70(H)	430(L)x570(W)x44(H)	430(L)x570(W)x44(H)

LevelOne ViewCon Cable/Desktop KVM Switch

Great – the LevelOne cable KVM Switches organize your workstation. The already installed cables for USB and PS/2 connections and easy handling decrease complexity and expense considerably.

- Supports USB or PS/2 mouse and keyboard
- Built-in microphone and speaker jacks (only for KVM-0204)
- Support 98/98SE/2000/ME/XP/NT, NetWare, Unix, Linux, Sun, Solaris, MAC O.S
- No software required - easy PC selection via Hot Keys
- Auto scan mode for monitoring PCs
- LED Display for easy status monitoring



KVM-0203

LevelOne ViewCon Cable KVM Switch

Model No.	Audio	Ports
KVM-0201	-	2 x PS2
KVM-0202	-	1 x PS2+1xUSB
KVM-0203	-	2 x USB
KVM-0204	x	2 x USB



KVM-0201

ViewCon Palm-Sized KVM Switch

- space saving desktop version for the control of 2 resp. 4 PCs
- incl. light 3in1 mini coaxial cable 1.8m
- PC can be hot plugged at any time
- Supports M/S IntelliMouse, Explorer, Optical
- No power supply necessary
- High VGA resolution: 1920 x 1440, DDC2B



KVM-0205

ViewCon Palm-Sized KVM Switch

Model No.	Ports	Connections
KVM-0205	2	PS/2
KVM-0405	4	PS/2

ViewCon DVI KVM Switch with Audio

- 2/4 port PS2 DVI KVM switch in desktop design
- Supports Microsoft Intellimouse, Microsoft Intellimouse explorer, Microsoft Optical mouse, Logitech Net Mouse...etc.
- Supports various mice and drivers with special functions
- Works with Netware, Unix, Linux, DOS, Win3.X, Win95/98/98SE/ME/XP/2000/NT,
- Supports MAC and Sun Microsystems with DVI interface and USB port (USB-PS2 adapter is necessary)
- Hot Plug - add/remove of PCs without shutdown of the KVM switch or PC
- Supports DVI flat panels and monitors with resolutions up to 1600 x 1200 @ 60Hz (165MHz)
- No Software necessary - easy PC selection via push buttons, Hot Keys
- Auto scan mode for monitoring of PCs
- Keyboard status restored when switching PCs
- Including cable sets



KVM-0206

ViewCon DVI KVM Switch with Audio

Model No.	Ports	Connections
KVM-0206	2	DVI-D + PS/2
KVM-0406	4	DVI-D + PS/2



KVM-0406

LevelOne ViewCon 19" KVM Switch

LevelOne's new generation of ViewCon Smart KVM Switches provide a high performance and cost effective product series for the administration of several servers. The compact devices are suitable for desktop installation as well as 19" rackmountable.

The basic version offers 4, 8 or 16 ports. Up to 136 PCs can be administrated by cascading. Special 3 in 1 cables minimize space and installation complexity. The On Screen Display provides simple handling and monitoring of your servers with just one keyboard, mouse and monitor.

- Up to 136 PCs can be controlled via cascading
- 19" rackmountable (1U) and desktop version available
- Auto-scan function automatically selects computer sequentially
- Supports Microsoft IntelliMouse (Pro)
- PCs can be labeled with names
- Programmable scan filters unused computers
- Store system settings and name entries to non-volatile memory
- Password security locks computer from unauthorized access
- Easy-to-use OSD interface
- Hotkey functions allow easy computer access
- Plug&Play system configuration
- Keyboard and mouse can be hot plugged at any time
- Resolution up to 1920x1440 DDC2B



KVM-0410

KVM-0810

KVM-1610

Model	KVM-0410	KVM-0420	KVM-0810	KVM-0820	KVM-1610	KVM-1620
Connectable Computer	PC-PS/2	PC-PS/2, Sun-USB, Mac-USB	PC-PS/2	PC-PS/2, Sun-USB, Mac-USB	PC-PS/2	PC-PS/2, Sun-USB, Mac-USB
On-Screen Display	■	■	■	■	■	■
Switching with Push-Buttons	■	■	■	■	■	■
Switching with Hotkey	■	■	■	■	■	■
Cascading	■	■	■	■	■	■
Max. qty. of PCs	16	16	64	64	136	136
Computer Port	4 x HDB 15	4 x HDB 15	8 x HDB 15	8 x HDB 15	16 x HDB 15	16 x HDB 15
Cable for Computer Port	1 → 3 for PS/2	1 → 2 for USB 1 → 3 for PS/2	1 → 3 for PS/2	1 → 2 for USB 1 → 3 for PS/2	1 → 3 for PS/2	1 → 2 for USB 1 → 3 for PS/2
Max. distance to Computer	30m for PS/2	30m for PS/2 5m for USB	30m for PS/2	30m for PS/2 5m for USB	30m for PS/2	30m for PS/2 5m for USB

LevelOne KVM Switch with OSD

Model No.	Ports	Connections
KVM-0410	4	PS/2
KVM-0810	8	PS/2
KVM-1610	16	PS/2
KVM-0420	4	PS/2 + USB
KVM-0820	8	PS/2 + USB
KVM-1620	16	PS/2 + USB

Cable-Sets

Model No.	Connections
ACC-2001	1.8 m 1 → 3 cable for PS/2
ACC-2002	3.0 m 1 → 3 cable for PS/2
ACC-2006	6.0 m 1 → 3 cable for PS/2
ACC-2010	10.0 m 1 → 3 cable for PS/2
ACC-2003	1.8 m cable for USB
ACC-2004	3.0 m cable for USB
ACC-2005	5.0 m cable for USB

LevelOne ViewCon KVM Extender

The LevelOne KVM Extender allows the control of a PC or KVM switch at a distance of up to 150m. UTP or STP patchcords connect sender and receiver.

- Remote console up to 150m
- Dual user access: at sender and receiver
- Supports ethernet cable Cat. 5/6
- High VGA-resolution up to 1280x1024
- LEDs for power and data-transfer
- Receiver with manual videosignal-tuning
- Works with KVM-switches and single PC
- No software necessary
- Incl.cable 0,90m (from PC or KVM-switch to console)

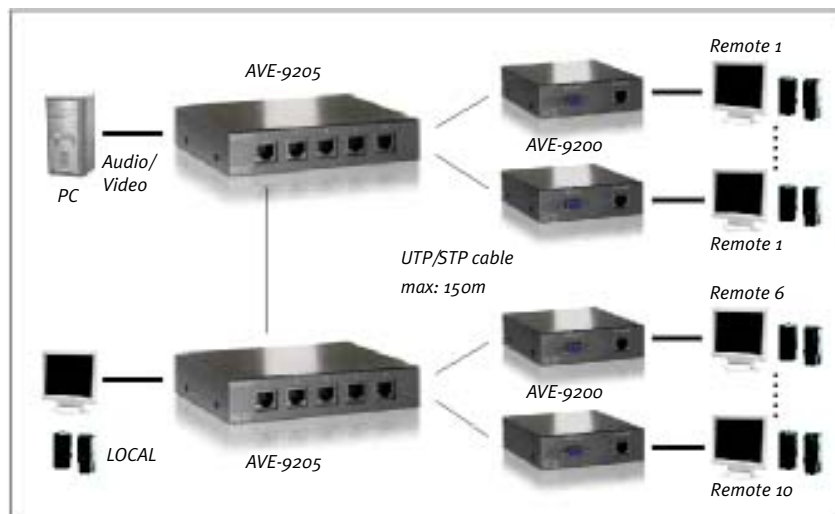


LevelOne KVM Cat5 Extender incl. Cable

Model No.	Connections
KVM-9005	PS/2, RJ45, HDB15

LevelOne ViewCon AVE Extender

The LevelOne's Cat.5 Audio/Video Extender is an ideal broadcast audio and video solution when operating with simultaneous to multiple remote monitors via Ethernet cable network. Our extender contains two devices, a broadcaster to collect audio sounds and video images for up to 150meter (500feet) long-distance transmissions over popular Ethernet CAT.5 cable, and a receiver to retrieve the multimedia information to remote display screen.



LevelOne AVE Cat.5 AV Extender

Model. No	Connections	Function
AVE-9200	1 x RJ45	Receiver
AVE-9201	1 x RJ45, HDB15	Broadcaster
AVE-9205	5 x RJ45, HDB15	Broadcaster

LevelOne ViewCon IP KVM

The LevelOne's IP KVM is an ideal solution for data centers that require more than one administrator and need the flexibility to control servers through your existing IP network. It provides the management console, which allows you to access the server's graphics, PS/2 style keyboard and mouse for IT, management, troubleshooting and even rebooting server in the remote area of the world.

LevelOne ViewCon IP KVM Switch

- IP KVM with 19" rack mount size design (for KVM-0850/1650)
- Provides Web-based management interface
- Built-in additional daisy chain port without wasting any PC port for cascade architecture
- DB9 serial port for initial configuration and external modem
- Allows multiple user access from local console and remote user through IP network
- Supports Microsoft Intellimouse, Microsoft Intellimouse Explorer, Logitech Net Mouse or the other fully compatible MS mouse
- Hot Plug - Add PCs or Remove Connected PCs for Maintenance without Powering Down the KVM switch or PCs
- Very High Video Quality - Up To 1280X1024, Bandwidth: 200MHz
- Auto Scan Mode for monitoring PCs and flexible Scan time from 5~99 seconds
- OSD Display for easy status monitoring
- Buzzer sound for switching port confirmation
- Support DOS, Netware, Unix, Linux, Win3.X, Win95/ 98/ 98SE/ 2000/ ME/ XP, WinNT



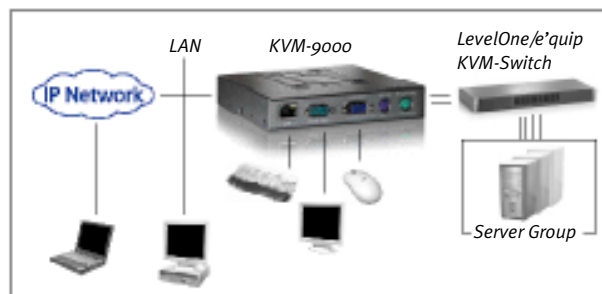
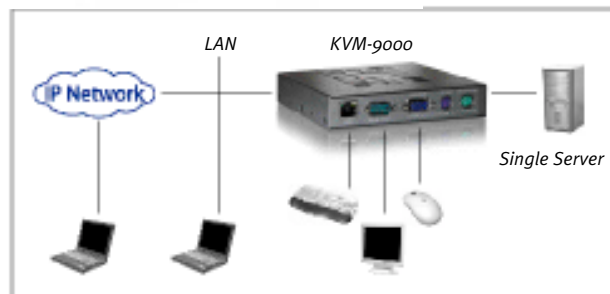
KVM-0850

LevelOne IP KVM Switch

Model. No	Product Description	Connections	Ports
KVM-0850	8-port IP KVM Switch for PS/2	PS/2	8
KVM-1650	16-port IP KVM Switch for PS/2	PS/2	16



KVM-9000



LevelOne IP KVM Extender

Model. No	Product Description
KVM-9000	IP KVM Extender

LevelOne PowerLine Home Plug

The LevelOne Homeplug Adapter offer the possibility to extend the network at home or in the office via standard 230 V power supply line. This new technology uses present power supply lines in buildings as network. LevelOne Homeplug Adapter comply with HomePlug 1.0 technology and provide data transmission rates of up to 14Mbps via power supply lines. The integrated Quality of Service ensures the necessary bandwidth for multimedia applications. The DES encoding guarantees the security of the transmitted data. The LevelOne Homeplug-Adapter will be connected with the 230V plug, the PC, router, modem or switch.

- HomePlug 1.0 compliant
- Up to 14Mbps data rate on the powerline
- QoS features
- OFDM
- 56bit DES encryption with key management
- Easy Plug&Play installation



LevelOne Home Plug

Model No.		Interface
PLI-1000	LevelOne HomePlug USB Adapter	USB 1.1
PLI-1010	LevelOne HomePlug USB Adapter	USB 1.1
PLI-2010	LevelOne HomePlug Ethernet Bridge	10/100Mbps Ethernet

LevelOne Power Over Ethernet LAN

Power over Ethernet or "Active Ethernet" according to IEEE802.3af standard is the elegant solution for power supply via network cable. Installation complexity concerning power supply decreases considerably. Access point, network camera, VoIP-phone or other devices don't need power plugs or cables any more. Some devices can already use this direct insert of power via Cat.5 cable. Power over Ethernet function, can be equipped with a converter (POS-1000) that must be installed between MidSpan Hub/injector and device.

- IEEE 802.3af compliance
- Minimize the need for bulky power adapter and power line for network wiring
- Delivering power and data to equipment by a single Ethernet cable

LevelOne MidSpan POE HUB

- 8-port to LevelOne's switches
- 8-port to POE device or POE splitters
- 19" rechmountable



LevelOne POE Splitter

- Compatible with all devices that usually use 5 or 12V power supply
- Short circuit protection to avoid false connection



LevelOne POE Injector

- Internal Power supply
- High safety with surge protection



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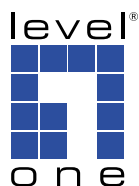
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