



CATALOG

NETWORKING PRODUCTS



2021

Link for the perfect Cabling & Networking



CONTENT

Media Converter

- 10/100 F.O. Media Converter (Indoor) 1
- 10/100 F.O. Media Converter (Outdoor) 1
- Gigabit F.O. Media Converter 1
- Media Converter Specification Guide 2

Network Switch

- Fast Ethernet Switch (10/100Mbps) 3
- Gigabit Ethernet Switch (10/100/1000Mbps) 3
- L2 Managed Gigabit Switch 3
- Network Switch Specification Guide 4

PoE Switch

- Fast Ethernet PoE Switch (PoE 10/100Mbps) 5
- Gigabit Ethernet PoE Switch (PoE 10/100/1000Mbps) 5
- L2 Managed Gigabit PoE Switch 5
- PoE Switch Specification Guide 6

Industrial PoE Switch

- Industrial Gigabit PoE Switch 7
- Lite Managed Industrial PoE Switch 8
- LINK-Dashboard on Lite Managed 8
- Industrial PoE Switch Specification Guide 9

Transceiver

- SFP 1.25G Transceiver 10
- SFP+ 10G Transceiver 10
- QSFP+ 40G Transceiver 10

PoE Injector

11

PoE Surge Protector

11

EoC (Ethernet over Coaxial)

11

HDMI Converter

11

Wi-Fi Access Point

- Wireless Access Point 12
- Wireless AP Controller 12
- Wi-Fi Gigabit Router 12

Solution Overview

13



10/100 F.O. Media Converter Indoor

LINK 10/100Mbps Media Converters is a cost-effective, feature-packed solution for expanding or extending an existing Ethernet or Fast Ethernet network. An enhance series come with such features as remote loopback detection support, auto-negotiation, and link fault signaling for high reliability. It also features seven DIP switches for manual activation of the enhanced features. It can support a variety of fiber optic cables which can extend transmission distances as well as offering flexibility in the migration to 100Base-FX network.



UT-0216
10/100 Mini Converter, SC (MM)

UT-0216-SM30
10/100 Mini Converter, SC (SM)

- 1 x 10/100Mbps RJ45 port
- 1 x 100Base-FX SC duplex
- Extends distances up to 2km (Multi-mode fiber) or 30km (Single-mode fiber)
- NWay Auto-negotiation support on RJ45 port
- Auto MDI/MDI-X support on RJ45 port
- To provide easy installation with plug-and-play



UT-0216E
10/100 Enhance Converter, SC (MM)

UT-0216E-SM30
10/100 Enhance Converter, SC (SM)

- 1 x 10/100Mbps RJ45 port
- 1 x 100Base-FX SC duplex
- Extends distances up to 2km (Multi-mode fiber) or 30km (Single-mode fiber)
- NWay Auto-negotiation support on RJ45 port
- Auto MDI/MDI-X support on RJ45 port
- DIP switches for manual setting on speed and duplex for compatibility with non auto-negotiation device
- LFS (Link Fault Signaling) feature on the device provides critical information about link status
- Support to install with 12-slot Rack Mount Media Converter Chassis
- To provide easy installation with plug-and-play



UT-0215ETS-20
10/100 Single F.O. Converter, SC (SM)

UT-0215ERS-20
10/100 Single F.O. Converter, SC (SM)

- 1 x 10/100Mbps RJ45 port
- 1 x 100Base-FX SC simplex
- Extends distances up to 20km (Single-mode fiber)
- NWay Auto-negotiation support on RJ45 port
- Auto MDI/MDI-X support on RJ45 port
- DIP switches for manual setting on speed and duplex for compatibility with non auto-negotiation device
- LFS (Link Fault Signaling) feature on the device provides critical information about link status
- Support to install with 12-slot Rack Mount Media Converter Chassis
- To provide easy installation with plug-and-play

10/100 F.O. Media Converter Outdoor

LINK Industrial Fast Ethernet Media Converter. Featuring one UTP port can be operation at 10Mbps or 100Mbps application. The media converter can operate consistently even in harsh industrial environments and offer an affordable solution for outdoor. It is in a special compact IP40 aluminum alloy case that allows either DIN-Rail mounting for easy installation at control cabinet. It provides an integrated power supply with a wide range of voltages for worldwide operation. It also offers dual redundant, reversible polarity 12V DC to 60V DC power supply inputs for high availability applications.



UT-0216MI
10/100 Mini-Industrial Converter, SC (MM)

UT-0216MI-SM20
10/100 Mini-Industrial Converter, SC (SM)

- 1 x 10/100Mbps RJ45 port
- 1 x 100Base-FX SC duplex
- Extends distances up to 2km with Multi-mode fiber and 20km with Single-mode fiber
- NWay Auto-negotiation support on RJ45 port
- Auto MDI/MDI-X support on RJ45 port
- 12V to 60V DC Wide power input
- IP40 protection and can operate in harsh industrial environments (-40°C to 75°C)
- Support surge and ESD protection
- To provide easy installation with plug-and-play
- Din-Rail mounting
- Equipped with DIN-Rail 24V/0.42A DC Power Supply



UT-0215MI-TS20
10/100 Single F.O. Mini-Industrial Converter, SC (SM)

UT-0215MI-RS20
10/100 Single F.O. Mini-Industrial Converter, SC (SM)

- 1 x 10/100Mbps RJ45 port
- 1 x 100Base-FX SC simplex
- Extends distances up to 20km (Single-mode fiber)
- NWay Auto-negotiation support on RJ45 port
- Auto MDI/MDI-X support on RJ45 port
- 12V to 60V DC Wide power input
- IP40 protection and can operate in harsh industrial environments (-40°C to 75°C)
- Support surge and ESD protection
- To provide easy installation with plug-and-play
- Din-Rail mounting
- Equipped with DIN-Rail 24V/0.42A DC Power Supply

Gigabit F.O. Media Converter

Gigabit Media Converter is specifically designed for large workgroups such as enterprise or campus environments which demand maximum bandwidths, and engineered to offer a solution for networks that are ready to expand or migrate from copper-based Gigabit triple speed to Fiber-based Gigabit network. Along with the capability of converting media transmissions. It is the utmost flexibility in installing various connections over fiber and extend the reach of Gigabit Ethernet connectivity over single-mode or multi-mode fiber via SFP module.



UT-1300A
1000Mbps Mini Converter, SFP Slot

- 1 x 1000Mbps RJ45 port
- 1 x 1000Base-X with SFP slot
- Extends distances up to 120km (depends on SFP module)
- Auto MDI/MDI-X support on RJ45 port
- Compact modular design facilitates deployment in a narrow desktop location to save space
- To provide easy installation with plug-and-play



UT-1310A
Gigabit Enhance Converter, SFP Slot

- 1 x 10/100/1000Mbps RJ45 port
- 1 x 100Base-FX/1000Base-X with SFP slot
- Extends distances up to 120km (depends on SFP module)
- Auto MDI/MDI-X and Auto-negotiation support on RJ45 port
- Support packet size up to 9KB
- Enhanced with Link Fault Signaling, Loop-back Testing and SFP dual speed setting
- Support to install with 12-slot Rack Mount Media Converter Chassis
- To provide easy installation with plug-and-play



UT-1310HA
Gigabit Hardened Converter, SFP Slot

- 1 x 10/100/1000Mbps RJ45 port
- 1 x 100Base-FX/1000Base-X with SFP slot
- Extends distances up to 120km (depends on SFP module)
- Auto MDI/MDI-X and Auto-negotiation support on RJ45 port
- Support packet size up to 9KB
- Affordable solution for outdoor locations
- Especially designed for rugged and harsh industrial environments (-20°C to 60°C)
- Din-Rail mounting
- Enhanced with Link Fault Signaling, Loop-back Testing and SFP dual speed setting
- To provide easy installation with plug-and-play

Media Converter Specification Guide

10/100 F.O. Media Converter (Indoor)

Specifications		UT-0216	UT-0216-SM30	UT-0216E	UT-0216E-SM30	UT-0215ETS-20	UT-0215ERS-20
General	LAN interfaces	1 x 10/100Base-TX	1 x 10/100Base-TX	1 x 10/100Base-TX	1 x 10/100Base-TX	1 x 10/100Base-TX	1 x 10/100Base-TX
	SFP interfaces	1 x 100Base-FX	1 x 100Base-FX	1 x 100Base-FX	1 x 100Base-FX	1 x 100Base-FX	1 x 100Base-FX
Application	Fiber Connector Type	SC	SC	SC	SC	SC (Single Core)	SC (Single Core)
	Fiber Optic Operation Mode	Multi-mode	Single-mode	Multi-mode	Single-mode	Single-mode	Single-mode
	Transmission Distance	2km	30km	2km	30km	20km	20km
	Auto-negotiation	✓	✓	✓	✓	✓	✓
	Auto MDI/MDI-X	✓	✓	✓	✓	✓	✓
	DIP switches	-	-	✓	✓	✓	✓
Power	Power Input	12VDC, 1A	12VDC, 1A	12VDC, 1A	12VDC, 1A	12VDC, 1A	12VDC, 1A
	Power Adapter	AC Adapter	AC Adapter	AC Adapter	AC Adapter	AC Adapter	AC Adapter
Mechanical and Environment	Mounting	Desktop	Desktop	Desktop or Chassis	Desktop or Chassis	Desktop or Chassis	Desktop or Chassis
	Operating Temperature	0°C to 50°C	0°C to 50°C	0°C to 50°C	0°C to 50°C	0°C to 50°C	0°C to 50°C
	Operating Humidity	10 to 80% RH (non-condensing)	10 to 80% RH (non-condensing)	10 to 95% RH (non-condensing)	10 to 95% RH (non-condensing)	10 to 95% RH (non-condensing)	10 to 95% RH (non-condensing)
	Installation Location	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor

10/100 F.O. Media Converter (Outdoor)

Specifications		UT-0216MI	UT-0216MI-SM20	UT-0215MI-TS20	UT-0215MI-RS20
General	LAN interfaces	1 x 10/100Base-TX	1 x 10/100Base-TX	1 x 10/100Base-TX	1 x 10/100Base-TX
	SFP interfaces	1 x 100Base-FX	1 x 100Base-FX	1 x 100Base-FX	1 x 100Base-FX
Application	Fiber Connector Type	SC	SC	SC (Single Core)	SC (Single Core)
	Fiber Optic Operation Mode	Multi-mode	Single-mode	Single-mode	Single-mode
	Transmission Distance	2km	20km	20km	20km
	Auto-negotiation	✓	✓	✓	✓
	Auto MDI/MDI-X	✓	✓	✓	✓
	DIP switches	-	-	-	-
Power	Power Input	12-60VDC	12-60VDC	12-60VDC	12-60VDC
	Power Adapter	DC Power Adapter	DC Power Adapter	DC Power Adapter	DC Power Adapter
Mechanical and Environment	Mounting	Din-Rail	Din-Rail	Din-Rail	Din-Rail
	Operating Temperature	-40°C to 75°C	-40°C to 75°C	-40°C to 75°C	-40°C to 75°C
	Operating Humidity	0 to 95% RH (non-condensing)	0 to 95% RH (non-condensing)	0 to 95% RH (non-condensing)	0 to 95% RH (non-condensing)
	Installation Location	Outdoor	Outdoor	Outdoor	Outdoor

Gigabit F.O. Media Converter (Indoor)

Specifications		UT-1300A	UT-1310A	UT-1310HA
General	LAN interfaces	1 x 1000Base-T	1 x 10/100/1000Base-T	1 x 10/100/1000Base-T
	SFP interfaces	1 x 1000Base-X	1 x 100/1000Base-X	1 x 100/1000Base-X
Application	Fiber Connector Type	LC	LC	LC
	Fiber Optic Operation Mode	Multi-mode or Single-mode	Multi-mode or Single-mode	Multi-mode or Single-mode
	Transmission Distance	550m to 120km (Depends on SFP module)	550m to 120km (Depends on SFP module)	550m to 120km (Depends on SFP module)
	Auto-negotiation	✓	✓	✓
	Auto MDI/MDI-X	✓	✓	✓
	DIP switches	-	✓	✓
Power	Power Input	12VDC, 1A	12VDC, 1A	12VDC, 1.5A
	Power Adapter	AC Adapter	AC Adapter	AC Adapter
Mechanical and Environment	Mounting	Desktop	Desktop or Chassis	Desktop
	Operating Temperature	0°C to 50°C	0°C to 50°C	-20°C to 60°C
	Operating Humidity	10 to 90% RH (non-condensing)	10 to 90% RH (non-condensing)	10 to 95% RH (non-condensing)
	Installation Location	Indoor	Indoor	Outdoor

Unmanaged Network Switch

LINK unmanaged Network Switches, for private businesses and others looking for plug-and-play basic Layer 2 connectivity for your network, that give you a boost of speed and performance at a affordable with non-configuration required.

Fast Ethernet Switch (10/100Mbps)



PF-0008
8-Port Fast Ethernet Switch

- Appearance with desktop/wall-mounting
- L2 unmanaged switch with 8 x 10/100Mbps ports
- Automatically detect network speed and automatic negotiation
- Support MDI/MDI-X crossover functions
- Built-in IEEE 802.3x flow control protocol
- To provide easy installation with plug-and-play



PF-0126
26-Port Fast Ethernet Switch

- L2 unmanaged switch
- Specially designed for working group network of 10/100 Mbps Fast Ethernet
- To provide 24 x 10/100Mbps with auto MDI/MDI-X and auto-negotiation
- 2 Gigabit Combo ports for uplink
- Support IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z standard
- To provide easy installation with plug-and-play
- 1U, 19 inch rack mount with holder

Gigabit Ethernet Switch (10/100/1000Mbps)



PG-2008
8-Port Gigabit Switch

- Appearance with desktop/wall-mounting
- L2 unmanaged switch with 8 x 10/100/1000Mbps ports
- Automatically detect network speed and automatic negotiation
- Support MDI/MDI-X crossover functions
- Built-in IEEE 802.3x flow control protocol
- To provide easy installation with plug-and-play



PG-2116
16-Port Fast Ethernet Switch

- L2 unmanaged switch
- IEEE802.3 Ethernet standards, offer 16 x 10/100/1000Mbps with auto MDI/MDI-X and auto-negotiation
- Support IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z standard
- Built-in loop detection function
- To provide easy installation with plug-and-play
- 1U, 19 inch rack mount with holder



PG-2126
26-Port Fast Ethernet Switch

- L2 unmanaged switch
- To provide 24 x 10/100/1000Mbps with auto MDI/MDI-X and auto-negotiation
- 2 Gigabit SFP ports for uplink
- Support IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z standard
- Support loop protection function
- Support port Aggregation function
- To provide easy installation with plug-and-play
- 1U, 19 inch rack mount with holder

L2 Managed Gigabit Switch

LINK L2 Managed Gigabit Switch provide all of the features you need to create a basic business network that are easy-to-management and affordable. The switches are explicitly designed that delivers optimized for your network performance, reliability and ease of use for private businesses.



PG-4010
10-Port L2 Managed Gigabit Switch

- Can be managed and configured by web interface
- L2 managed switch with 8 x 10/100/1000Mbps ports and 2 Gigabit SFP ports
- Support MDI/MDI-X and auto-negotiation
- Support VLAN (IEEE 802.1Q)
- Support STP/RSTP/MSTP
- Support Link Aggregation with LACP
- Provides QoS control based on IP DSCP
- Support IGMP SNOOPING V1/V2/V3
- Support DHCP Snooping and ARP Attack Prevention
- Support IPv4/IPv6
- Provides IPv4 DHCP server
- Support LLDP/LLDP-MED
- Support Static IPv4 routing (Up to 32 static routes)
- 1U, 19 inch rack mount with holder



PG-4026
26-Port L2 Managed Gigabit Switch

- Can be managed and configured by web interface
- L2 managed switch with 24 x 10/100/1000Mbps ports and 2 Gigabit SFP ports
- Support MDI/MDI-X and auto-negotiation
- Support 16K MAC address auto-learning and auto-aging
- Support VLAN (IEEE 802.1Q)
- Support STP/RSTP
- Support Link Aggregation with LACP
- Support IGMP SNOOPING V1/V2/V3
- Support DHCP Snooping and ARP Attack Prevention
- 1U, 19 inch rack mount with holder



UT-1319A
4-Gigabit L2 Hardened Switch

- Designed with 4 copper ports that deliver 10/100/1000Mbps
- Equipped with dual 100/1000 multi-rate SFP
- Built with powerful chipset and richly equipped with much improved Layer 2 software features
- Can be configured as ring ports
- To provide link redundancy in gigabit fiber based ring architecture networks, or daisy chain to extend distance
- Support web-based management

Features Highlight

Network Function

- Port-based Loop detection
- Static/LACP Trunking
- Spanning tree Protocol
- Rapid Spanning Tree Protocol
- Tag Based/Port-Based VLAN
- IGMP Snooping V1/V2/V3
- IEEE 802.1ab LLDP

Traffic Management & QoS

- 256 Active VLAN Support
- Port isolation
- 802.1p Priority Queues per port
- Traffic Classification
- Network Storm Control
- QoS Scheduler
- Management VLAN
- 802.3x Flow Control

Network Management

- Telnet, Web-based GUI
- Auto Logout Timer
- SNMP v1/v2c
- SNMP Trap
- RMON 1, 2, 3, and 9
- Private MIB
- Local/Remote Syslog support
- SFP DDMI support
- Status display and event report
- Firmware upgrade by TFTP/HTTP/FTP
- Configuration Backup/Restore

Network Switch Specification Guide

Unmanaged Network Switch

Specifications		PF-0008	PF-0126	PG-2008	PG-2116	PG-2126
General	LAN interfaces	8 x 10/100 Mbps	24 x 10/100 Mbps	8 x 10/100/1000 Mbps	16 x 10/100/1000 Mbps	24 x 10/100/1000 Mbps
	LAN interfaces (Uplink)	-	2 x 100/1000 Mbps RJ45	-	-	-
	SFP interfaces (Uplink)	-	2 x Gigabit SFP	-	-	2 x Gigabit SFP
Standard Compliance	Ethernet Standard	IEEE 802.3 ; 10Base-T IEEE 802.3u ; 100Base-TX	IEEE 802.3 ; 10Base-T IEEE 802.3u ; 100Base-TX IEEE 802.3ab ; 1000Base-T IEEE 802.3z ; 1000Base-X	IEEE 802.3 ; 10Base-T IEEE 802.3u ; 100Base-TX IEEE 802.3ab ; 1000Base-T	IEEE 802.3 ; 10Base-T IEEE 802.3u ; 100Base-TX IEEE 802.3ab ; 1000Base-T	IEEE 802.3 ; 10Base-T IEEE 802.3u ; 100Base-TX IEEE 802.3ab ; 1000Base-T IEEE 802.3z ; 1000Base-X
	EEE	IEEE 802.3az ; Energy-Efficient Ethernet				
	Flow Control	IEEE 802.3x ; Flow Control				
	Switching Capacity	1.6Gbps	8.8Gbps	16Gbps	32Gbps	52Gbps
Performance	Forwarding rate	1.2Mpps	6.55Mpps	12Mpps	23.8Mpps	38.7Mpps
	Packet Buffer Memory	448Kbits	4.1Mbits	4.1Mbits	4.1Mbits	4.1Mbits
	Jumbo frames	1522Bytes	10KBytes	10KBytes	10KBytes	10KBytes
	MAC Address Table	1K	8K	8K	8K	8K
Mechanical and Environment	Appearance	Desktop	19" Rack Mount	Desktop	19" Rack Mount	19" Rack Mount
	Operating Temperature	0°C to 45°C	0°C to 50°C	0°C to 45°C	0°C to 50°C	0°C to 50°C
	Operating Humidity	10 to 90% RH (non-condensing)	10 to 90% RH (non-condensing)	10 to 90% RH (non-condensing)	10 to 90% RH (non-condensing)	10 to 90% RH (non-condensing)
	Installation Location	Indoor	Indoor	Indoor	Indoor	Indoor
Features	L2 Features	Unmanaged	Unmanaged	Unmanaged	Built-in Loop Detection Function	Built-in Loop Protection Function Port Aggregation Function

Managed Network Switch

Specifications		PG-4010	PG-4026	UT-1319A
General	LAN interfaces	8 x 10/100/1000 Mbps	24 x 10/100/1000 Mbps	4 x 10/100/1000 Mbps
	LAN interfaces (Uplink)	-	-	-
	SFP interfaces (Uplink)	2 x SFP ports	2 x SFP ports	2 x SFP ports
Standard Compliance	Ethernet Standard	IEEE 802.3 ; 10Base-T IEEE 802.3u ; 100Base-TX IEEE 802.3ab ; 1000Base-T IEEE 802.3z ; 1000Base-X*	IEEE 802.3 ; 10Base-T IEEE 802.3u ; 100Base-TX IEEE 802.3ab ; 1000Base-T IEEE 802.3z ; 1000Base-X	IEEE 802.3 ; 10Base-T IEEE 802.3u ; 100Base-TX/FX IEEE 802.3ab ; 1000Base-T IEEE 802.3z ; 1000Base-X
	EEE	IEEE 802.3az ; Energy-Efficient Ethernet		
	Flow Control	IEEE 802.3x ; Flow Control		
	VLAN	IEEE 802.1Q ; VLAN tagging		
	QoS	IEEE 802.1p ; QoS	-	-
	Spanning Tree Protocol	IEEE 802.1d : Spanning Tree Protocol IEEE 802.1w : Rapid Spanning Tree Protocol IEEE 802.1s : Multiple Spanning Tree Protocol	IEEE 802.1d : Spanning Tree Protocol IEEE 802.1w : Rapid Spanning Tree Protocol	IEEE 802.1d : Spanning Tree Protocol IEEE 802.1w : Rapid Spanning Tree Protocol
Link aggregation	-	IEEE 802.3ad : LACP aggregation	-	
Port-based authentication	IEEE 802.1x ; port-based authentication	-	-	
LLDP	-	-	IEEE 802.1ab ; Link Layer Discovery Protocol	
Performance	Switching Capacity	20Gbps	52Gbps	12Gbps
	Forwarding rate	14.88Mpps	38.6Mpps	8.92Mpps
	Flash Memory	16MB	8MB	32MB
	SDRAM	128MB	128MB	128MB
	Packet Buffer Memory	4.1Mbits	256Kbit	4.1Mbits
	Jumbo frames	10KBytes	10KBytes	10KBytes
MAC Address Table	8K	16K	8K	
Mechanical and Environment	Appearance	19" Rack Mount	19" Rack Mount	DIN-Rail, Desktop
	Operating Temperature	0°C to 50°C	0°C to 50°C	-10°C to 60°C
	Operating Humidity	10 to 90% RH (non-condensing)	10 to 90% RH (non-condensing)	10 to 95% RH (non-condensing)
	Installation Location	Indoor	Indoor	Indoor or Outdoor in cabinet
Features	Connectivity	Auto-negotiation Auto MDI/MDI-X Storm Control Flow Control Port Speed Limit	Auto-negotiation Auto MDI/MDI-X Storm Control Flow Control Port Speed Limit	Auto-negotiation Auto MDI/MDI-X Storm Control Flow Control Port Speed Limit
	L2 Features	Address Resolution Protocol (ARP) Spanning Tree Protocol Link Aggregation Port Isolation Port Mirroring Port Security Loop detection ARP Spoofing DHCP Snooping IGMP Snooping ACL MAC Address Management Voice VLAN Surveillance VLAN DoS Protection MLD snooping	Address Resolution Protocol (ARP) Spanning Tree Protocol Link Aggregation Port Isolation Port Mirroring Port Security Loop detection ARP Spoofing DHCP Snooping IGMP Snooping ACL MAC Address Management	Address Resolution Protocol (ARP) Spanning Tree Protocol Link Aggregation Port Isolation Port Mirroring Port Security Loop detection ARP Spoofing DHCP Snooping IGMP Snooping ACL MAC Address Management
	L3 Features	IPv4 DHCP Server IPv4 Static Route	-	-
	Network Management	SNMP v1/v2c RMON IPv4 Client IPv6 Client LLDP	SNMP v1/v2c IPv4 Client	SNMP v1/v2c RMON IPv4 Client
	Device Management	WEB management interface (GUI) System Information System Log System Upgrade Configuration Management TFTP SNTP HTTP HTTPS	WEB management interface (GUI) System Information System Log System Upgrade Configuration Management TFTP SNTP HTTP	WEB management interface (GUI) System Information System Log System Upgrade Configuration Management TFTP SNTP HTTP
	CLI	Console port Telnet SSH	Console port Telnet	Telnet SSH

Unmanaged PoE Switch

Your networking made easy with LINK unmanaged PoE switch. With plug-n-play configuration, it is easy to turn IP Surveillance or AP on for your organization and homes. Operated at 0°C to 50°C should be placed for indoor application.

Fast Ethernet PoE Switch (PoE 10/100Mbps)



PSF-1004
4-Port Fast Ethernet PoE Switch (60W)

- Appearance with desktop/wall-mounting
- L2 unmanaged PoE switch with 5 x 10/100Mbps ports
- Provide 4 ports PoE function (802.3af/at)
- Delivering power up to 30W per port
- Support auto MDI/MDI-X and auto-negotiation
- Built-in IEEE 802.3x flow control protocol
- To provide easy installation with plug-and-play



PSF-1008
8-Port Fast Ethernet PoE Switch (90W)

- Appearance with desktop mounting
- L2 unmanaged PoE switch
- Provide 8 ports 10/100Mbps with PoE function (802.3af/at)
- Delivering power up to 30W per port
- One Gigabit Combo ports for uplink
- Support auto MDI/MDI-X and auto-negotiation
- Built-in IEEE 802.3x flow control protocol
- Support Port Isolation Function
- To provide easy installation with plug-and-play

Gigabit Ethernet PoE Switch (PoE 10/100/1000Mbps)



PSG-3104
4-Port Gigabit Ethernet PoE Switch (60W)

- Appearance with desktop/wall-mounting
- L2 unmanaged PoE switch with 5 x 10/100/1000Mbps ports
- Provide 4 ports PoE function (802.3af/at)
- Delivering power up to 30W per port
- Provides 1 independent gigabit uplink port
- Support auto MDI/MDI-X and auto-negotiation
- Built-in IEEE 802.3x flow control protocol
- Support Port Isolation Function
- To provide easy installation with plug-and-play



PSG-3124
24-Port Gigabit Ethernet PoE Switch (260W)

- L2 unmanaged PoE switch
- Provide 24 ports 10/100/1000Mbps with PoE function (802.3af/at)
- Delivering power up to 30W per port
- 2 Gigabit SFP ports for uplink
- Support auto MDI/MDI-X and auto-negotiation
- Support IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z standard
- Built-in IEEE 802.3x flow control protocol
- Built-in loop protection function
- Support port Aggregation function
- To provide easy installation with plug-and-play
- 1U, 19 inch rack mount with holder

L2 Managed Gigabit PoE Switch (PoE 10/100/1000Mbps)

LINK L2 Managed Gigabit PoE Switches provide smart-managed and easy configuration for your business network that are "user-friendly" management and affordable. The switches are designed to provide up to 30W PoE power delivery for growing indoor surveillance and Wi-Fi solution demands which hold good for private businesses.



PSG-5008
8-Port L2 Managed Gigabit PoE Switch (70W)



PSG-5116
16-Port L2 Managed Gigabit PoE Switch (223W)



PSG-5124A
24-Port L2 Managed Gigabit PoE Switch (400W)

Total System Interfaces

PSG-5008
8 Gigabit Ethernet with PoE + 2 Gigabit SFP

PSG-5116
16 Gigabit Ethernet with PoE + 2 Gigabit SFP

PSG-5124A
24 Gigabit Ethernet with PoE + 4 Gigabit Combo ports (4 x RJ45 and 4 x SFP)

Features Highlight

- L2 managed PoE switch
- Can be managed and configured by web interface
- Delivering power up to 30W per port
- Support auto MDI/MDI-X and auto-negotiation
- Support VLAN (IEEE 802.1Q)
- Support STP/RSTP/MSTP
- Support Link Aggregation with LACP
- Provides QoS control based on IP DSCP
- Support IGMP Snooping V1/V2/V3
- Support DHCP Snooping and ARP Attack Prevention
- Support IPv4/IPv6 Client
- Provides IPv4 DHCP server
- Support LLDP/LLDP-MED
- Support Static IPv4 routing (Up to 32 static routes)
- 1U, 19 inch rack mount with holder

PoE Switch Specification Guide

Unmanaged PoE Switch

Specifications		PSF-1004	PSF-1008	PSG-3104	PSG-3124
General	LAN interfaces	4 x 10/100 Mbps	8 x 10/100 Mbps	4 x 10/100/1000 Mbps	24 x 10/100/1000 Mbps
	LAN interfaces (Uplink)	1 x 10/100 Mbps	1 x 100/1000 Mbps RJ45	1 x 1000 Mbps RJ45	-
	SFP interfaces (Uplink)	-	1 x Gigabit SFP	-	2 x Gigabit SFP
Standard Compliance	Ethernet Standard	IEEE 802.3 : 10Base-T IEEE 802.3u : 100Base-TX	IEEE 802.3 : 10Base-T IEEE 802.3u : 100Base-TX IEEE 802.3ab : 1000Base-T IEEE 802.3z : 1000Base-X	IEEE 802.3 : 10Base-T IEEE 802.3u : 100Base-TX IEEE 802.3ab : 1000Base-T	IEEE 802.3 : 10Base-T IEEE 802.3u : 100Base-TX IEEE 802.3ab : 1000Base-T IEEE 802.3z : 1000Base-X
	EEE	IEEE 802.3az : Energy-Efficient Ethernet			
	Flow Control	IEEE 802.3x : Flow Control			
	PoE	IEEE 802.3af/at : PoE/PoE+			
Performance	Switching Capacity	1Gbps	3.8Gbps	10Gbps	52 Gbps
	Forwarding rate	0.75Mpps	4.17Mpps	7.44Mpps	38.7Mpps
	Packet Buffer Memory	448Kbits	1.625Mbits	4Mbits	4.1Mbits
	Jumbo frames	1522Bytes	9KBytes	1522Bytes	10KBytes
	MAC Address Table	1K	4K	8K	8K
	Available PoE Power	60W	90W	60W	260W
Mechanical and Environment	Appearance	Desktop	Desktop	Desktop	19" Rack Mount
	Operating Temperature	0°C to 50°C	0°C to 50°C	0°C to 50°C	0°C to 50°C
	Operating Humidity	10 to 90% RH (non-condensing)	10 to 90% RH (non-condensing)	10 to 90% RH (non-condensing)	10 to 90% RH (non-condensing)
	Installation Location	Indoor	Indoor	Indoor	Indoor
Features	L2 Features	Unmanaged	Port Isolation function	Port Isolation function	Built-in Loop protection function Port Aggregation function

Managed PoE Switch

Specifications		PSG-5008	PSG-5116	PSG-5124A
General	LAN interfaces	8 x 10/100/1000 Mbps	16 x 10/100/1000 Mbps	24 x 10/100/1000 Mbps
	LAN interfaces (Uplink)	-	-	4 x Gigabit RJ45 ports
	SFP interfaces (Uplink)	2 x SFP ports	2 x SFP ports	4 x SFP ports
Standard Compliance	Ethernet Standard	IEEE 802.3 : 10Base-T IEEE 802.3u : 100Base-TX IEEE 802.3ab : 1000Base-T IEEE 802.3z : 1000Base-X	IEEE 802.3 : 10Base-T IEEE 802.3u : 100Base-TX IEEE 802.3ab : 1000Base-T IEEE 802.3z : 1000Base-X	IEEE 802.3 : 10Base-T IEEE 802.3u : 100Base-TX/FX IEEE 802.3ab : 1000Base-T IEEE 802.3z : 1000Base-X
	EEE	IEEE 802.3az : Energy-Efficient Ethernet		
	Flow Control	IEEE 802.3x : Flow Control		
	PoE	IEEE 802.3af/at : PoE/PoE+		
	VLAN	IEEE 802.1Q : VLAN tagging		
	QoS	IEEE 802.1p : QoS		
	Spanning Tree Protocol	IEEE 802.1d : Spanning Tree Protocol IEEE 802.1w : Rapid Spanning Tree Protocol IEEE 802.1s : Multiple Spanning Tree Protocol		
	Link aggregation	IEEE 802.3ad : LACP aggregation		
	Port-based authentication	IEEE 802.1x : port-based authentication		
	Performance	Switching Capacity	20Gbps	36Gbps
Forwarding rate		14.88Mpps	26.78Mpps	41.7Mpps
Flash Memory		16MB	16MB	16MB
SDRAM		128MB	128MB	128MB
Packet Buffer Memory		4.1Mbits	4.1Mbits	4.1Mbits
Jumbo frames		10KBytes	10KBytes	10KBytes
MAC Address Table		8K	8K	8K
Available PoE Power		70W	223W	400W
Mechanical and Environment	Appearance	19" Rack Mount	19" Rack Mount	19" Rack Mount
	Operating Temperature	0°C to 50°C	0°C to 50°C	0°C to 50°C
	Operating Humidity	10 to 90% RH (non-condensing)	10 to 90% RH (non-condensing)	10 to 90% RH (non-condensing)
Features	Installation Location	Indoor		
	Connectivity	Auto-negotiation Auto MDI/MDI-X Storm Control Flow Control Port Speed Limit		
	L2 Features	Address Resolution Protocol (ARP) Spanning Tree Protocol Link Aggregation Port Isolation Port Mirroring Port Security Loop detection ARP Spoofing DHCP Snooping IGMP Snooping ACL		
	L3 Features	MAC Address Management Voice VLAN Surveillance VLAN DoS Protection MLD snooping IPv4 DHCP Server IPv4 Static Route		
	Network Management	SNMP v1/v2c RMON IPv4 Client IPv6 Client LLDP		
	Device Management	WEB management interface (GUI) System Information System Log System Upgrade Configuration Management		
	CLI	TFTP SNTP HTTP HTTPS Console port Telnet SSH		

Industrial Gigabit PoE Switch

LINK industrial PoE series are engineered with hardened components and enclosed in strong housing with IP30 certified can withstand mechanical stress, humidity, dirt, dust, shock and vibration and tolerate in wide industrial temperatures ranging from -40°C to 75°C



PS-1001A

1-Port Mini Industrial PoE+ Converter, 1000Mbps (36W)

- 1 x 1000Base-T RJ45 port with PoE (IEEE802.3af/at)
- One SFP port for 1000Base-X
- Support auto MDI/MDI-X
- Built-in IEEE 802.3x flow control protocol
- Delivering power up to 30W
- Din-Rail mounting
- Compact size which is suitable to place it in the outdoor IP camera enclosure
- IP30 protection and can operate in harsh industrial environments (-40°C to 75°C)
- To provide easy installation with plug-and-play
- Equipped with 36W, 48V, Power Adapter



PS-1010

1-Port Industrial Gigabit PoE Switch (30W)

- 1 x 10/100/1000Mbps RJ45 port
- One multi-rate 100/1000Mbps SFP port
- Support IEEE802.3af/at PoE standard
- Support auto MDI/MDI-X and auto-negotiation
- Built-in IEEE 802.3x flow control protocol
- Delivering power up to 30W per port
- Din-Rail mounting
- IP30 protection and can operate in harsh industrial environments (-40°C to 75°C)
- To provide easy installation with plug-and-play
- Support power redundant options
- Equipped with 90W, 48V, Industrial Grade Power Adapter



PS-1020

2-Port Industrial Gigabit PoE Switch (60W)

- 2 x 10/100/1000Mbps RJ45 port
- One multi-rate 100/1000Mbps SFP port
- Support IEEE802.3af/at PoE standard
- Support auto MDI/MDI-X and auto-negotiation
- Built-in IEEE 802.3x flow control protocol
- Delivering power up to 30W per port
- Din-Rail mounting
- IP30 protection and can operate in harsh industrial environments (-40°C to 75°C)
- To provide easy installation with plug-and-play
- Support power redundant options
- Equipped with 90W, 48V, Industrial Grade Power Adapter



PS-1040T

4-Port Industrial Gigabit PoE Switch (90W)

- L2 unmanaged Industrial PoE switch with 5 x 10/100/1000Mbps ports
- Provide 4 ports PoE function (802.3af/at)
- Provides 2 independent uplink ports with 1x1000Base-T and 1x1000Base-X
- Delivering power up to 30W per port
- Support auto MDI/MDI-X and auto-negotiation
- Built-in IEEE 802.3x flow control protocol
- Din-Rail mounting
- IP30 protection and can operate in harsh industrial environments (-40°C to 75°C)
- To provide easy installation with plug-and-play
- Support power redundant options
- Equipped with 90W, 48V, Industrial Grade Power Adapter



PS-1080

4-Port Industrial Gigabit PoE Switch (90W)

- L2 unmanaged Industrial PoE switch
- Provide 4 x 10/100/1000Mbps ports with PoE (802.3af/at)
- Provides 2 SFP ports with 1000Base-X
- Delivering power up to 30W per port
- Support auto MDI/MDI-X and auto-negotiation
- Built-in IEEE 802.3x flow control protocol
- Din-Rail mounting
- IP30 protection and can operate in harsh industrial environments (-40°C to 75°C)
- To provide easy installation with plug-and-play
- Support power redundant options
- Equipped with 90W, 48V, Industrial Grade Power Adapter



PS-2080

4-Port Industrial Gigabit PoE Switch (120W)

- L2 unmanaged Industrial PoE switch
- Provide 4 x 10/100/1000Mbps ports with PoE (802.3af/at)
- Provides 2 SFP ports with 1000Base-X
- Delivering power up to 30W per port
- Support auto MDI/MDI-X and auto-negotiation
- Built-in IEEE 802.3x flow control protocol
- Din-Rail mounting
- IP30 protection and can operate in harsh industrial environments (-40°C to 75°C)
- To provide easy installation with plug-and-play
- Support power redundant options
- Equipped with 120W DIN-Rail 48VDC Industrial Power Supply

Lite Managed Industrial PoE Switch



PS-3140
4-Port Lite Managed Gigabit PoE Switch (90W)



PS-3180
8-Port Lite Managed Gigabit PoE Switch (160W)

- L2 Managed Industrial PoE switch
- PS-3140 provides 4 x 10/100/1000Mbps ports with PoE (802.3af/at) and 2 independent uplink ports with 1x1000Base-T and 1x1000Base-X
- PS-3180 provides 8 x 10/100/1000Mbps ports with PoE (802.3af/at) for PS-3180 and 2 SFP ports with 1000Base-X
- Delivering power up to 30W per port
- Built-in LINK-Dashboard
- Wizard for quick installation
- Dashboard for real-time device
- Topology Map for quick diagnosis of the failure
- Din-Rail mounting
- IP30 protection and can operate in harsh industrial environments (-40°C to 75°C)
- Support power redundant options
- PS-3140 Equipped with 90W, 48V, Industrial Grade Power Adapter
- PS-3180 Equipped with 160W, 48V, Industrial Grade Power Adapter

Features Highlight

Network Function

- Spanning Tree Protocol
- Rapid Spanning Tree Protocol
- Tag Based/Port-Based VLAN (802.1Q)
- ERPS (G.8032)
- Port-based 802.1x
- ACL
- Port Security

Traffic Management & QoS

- VLAN Support
- Port Isolation
- Port Priority
- Flow Control
- Storm Control
- Loop Detection
- IGMP Snooping
- 802.1p Priority Queues per port
- 802.3x Flow Control

Network Management

- Web GUI
- SNMP v1/v2c/v3
- HTTP, HTTPS, SSH, Telnet
- Firmware Upgradable
- Configuration Backup/Restore
- STNP
- LLDP
- DHCP Client
- Mirroring
- ONVIF Discovery
- Port Statistic

LINK-Dashboard on Lite Managed

Add-on-Value to LINK L2 Managed PoE Industrial Switch

We would like to present you the new switch features that help you quick identify the system/devices health status without external server. It's embedded to the LINK management switch. We name it LINK-Dashboard 2.0. LINK-Dashboard is the LINK's proprietary Element Management System (EMS) that was developed to help non-IT background users deploy IP Surveillance systems easily. It includes

- Installation Wizard
- Topology Map
- Dashboard

The LINK-Dashboard can be accessed by PC, Notebook PC and here below are some screenshot for your reference.

Installation Wizard



Topology Map



Dashboard



Industrial PoE Switch Specification Guide

Unmanaged Industrial PoE Switch

Specifications		PS-1001A	PS-1010	PS-1020	PS-1040T	PS-1080	PS-2080
General	LAN interfaces	1 x 1000 Mbps	1 x 10/100/1000 Mbps	2 x 10/100/1000 Mbps	4 x 10/100/1000 Mbps	4 x 10/100/1000 Mbps	4 x 10/100/1000 Mbps
	LAN interfaces (Uplink)	-	-	-	1 x 10/100/1000 Mbps	-	-
	SFP interfaces (Uplink)	1 x Gigabit SFP	1 x Gigabit SFP	1 x Gigabit SFP	1 x Gigabit SFP	2 x Gigabit SFP	2 x Gigabit SFP
Standard Compliance	Ethernet Standard	IEEE 802.3ab : 1000Base-T IEEE 802.3z : 1000Base-X	IEEE 802.3 : 10Base-T IEEE 802.3u : 100Base-TX IEEE 802.3ab : 1000Base-T IEEE 802.3z : 1000Base-X	IEEE 802.3 : 10Base-T IEEE 802.3u : 100Base-TX IEEE 802.3ab : 1000Base-T IEEE 802.3z : 1000Base-X	IEEE 802.3 : 10Base-T IEEE 802.3u : 100Base-TX IEEE 802.3ab : 1000Base-T IEEE 802.3z : 1000Base-X	IEEE 802.3 : 10Base-T IEEE 802.3u : 100Base-TX IEEE 802.3ab : 1000Base-T IEEE 802.3z : 1000Base-X	IEEE 802.3 : 10Base-T IEEE 802.3u : 100Base-TX IEEE 802.3ab : 1000Base-T IEEE 802.3z : 1000Base-X
	EEE	IEEE 802.3az : Energy-Efficient Ethernet					
	Flow Control	IEEE 802.3x : Flow Control					
	PoE	IEEE 802.3af/at : PoE/PoE+					
Performance	Switching Capacity	4Gbps	4Gbps	6Gbps	12Gbps	12Gbps	12Gbps
	Forwarding rate	2.97Mpps	2.97Mpps	4.46Mpps	8.93Mpps	8.93Mpps	8.93Mpps
	Packet Buffer Memory	-	1Mbits	1Mbits	4.1Mbits	4.1Mbits	4.1Mbits
	Jumbo frames	-	10KBytes	10KBytes	10KBytes	10KBytes	10KBytes
	MAC Address Table	-	8K	8K	8K	8K	8K
	Available PoE Power	30W	30W	60W	90W	90W	120W
Mechanical and Environment	Mounting	Din-Rail	Din-Rail	Din-Rail	Din-Rail	Din-Rail	Din-Rail
	Operating Temperature	-40°C to 75°C	-40°C to 75°C	-40°C to 75°C	-40°C to 75°C	-40°C to 75°C	-40°C to 75°C
	Operating Humidity	5 to 95% RH (non-condensing)	10 to 95% RH (non-condensing)	10 to 95% RH (non-condensing)	10 to 95% RH (non-condensing)	10 to 95% RH (non-condensing)	10 to 95% RH (non-condensing)
	Installation Location	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Features	L2 Features	Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged

Lite Managed Industrial PoE Switch

Specifications		PS-3140	PS-3180
General	LAN interfaces	4 x 10/100/1000 Mbps	8 x 10/100/1000 Mbps
	LAN interfaces (Uplink)	1 x 10/100 Mbps	-
	SFP interfaces (Uplink)	1 x Gigabit SFP	2 x SFP ports
Standard Compliance	Ethernet Standard	IEEE 802.3 : 10Base-T IEEE 802.3u : 100Base-TX IEEE 802.3ab : 1000Base-T IEEE 802.3z : 1000Base-X	
	EEE	IEEE 802.3az : Energy-Efficient Ethernet	
	Flow Control	IEEE 802.3x : Flow Control	
	PoE	IEEE 802.3af/at : PoE/PoE+	
	VLAN	IEEE 802.1Q : VLAN tagging	
	QoS	IEEE 802.1p : QoS	
	Spanning Tree Protocol	IEEE 802.1d : Spanning Tree Protocol IEEE 802.1w : Rapid Spanning Tree Protocol	
	Port-based authentication	IEEE 802.1x : port-based authentication	
	LLDP	IEEE 802.1ab : Link Layer Discovery Protocol	
	Performance	Switching Capacity	12Gbps
Forwarding rate		8.9Mpps	14.9Mpps
Flash Memory		16MB	32MB
SDRAM		128MB	128MB
Packet Buffer Memory		4.1Mbits	4.1Mbits
Jumbo frames		10KBytes	10KBytes
MAC Address Table		8K	8K
Available PoE Power	90W	160W	
Mechanical and Environment	Mounting	Din-Rail	Din-Rail
	Operating Temperature	-40°C to 75°C	-40°C to 75°C
	Operating Humidity	5 to 95% RH (non-condensing)	5 to 95% RH (non-condensing)
Features	L2 Features	Port Priority Flow Control Storm Control Loop Detection ERPS (G.8032) STP RSTP Port Isolation Vlan setting Port-based 802.1x ACL Port Security BPDU Guard/Filter Root Guard Management Host	
	Device Management	Web GUI Firmware Upgradable Configuration Backup/Restore SNMP LLDP DHCP Client Port Mirroring ONVIF Discovery Service Control (HTTP, HTTPS, SNMPv1/v2c/v3, SSH, Telnet)	
	PoE Features	SNMP Trap Syslog Port Statistic PD Alive Check PoE Power On/OFF PoE Power Budget Control PoE Schedule Power Delay	
	Other Features	Wizard for quick installation Dashboard for quick diagnosis Topology Map updated Modbus	

SFP 1.25G Transceiver

LINK SFP SFP+ and QSFP+ transceivers are high performance, cost effective modules which is the best for all LINK Media Converters, all LINK Switches and can be compatible with a wide variety of switches and routers brand.



UT-9125D-XX

SFP 1.25G Transceiver (for Cisco and others brand compatible)

UT-9125DHP-XX

SFP 1.25G Transceiver (for HP, Aruba and 3Com compatible)

- Available distances up to 120km
- Dual data-rate of 1.25Gbps/1.063Gbps operation
- Compliant with Multi-Source Agreement (MSA) and Small Form-factor Pluggable (SFP)
- Compliant with SFF-8472
- Support Digital Diagnostic Monitoring Interface (DDMI)
- Compatible with SONET OC-24-LR-1 and Fibre Channel applications
- Duplex LC connector
- Hot Pluggable
- +3.3V single power supply
- Class 1 laser product complies with EN 60825-1
- Operating temperature of 0°C to +70°C



UT-9113WD-20/UT-9114WD-20

SFP Bi-Di Transceiver (for Cisco and others brand compatible)

UT-9113WDHP-20/UT-9114WDHP-20

SFP Bi-Di Transceiver (for HP, Aruba and 3Com compatible)

- Available distances up to 20km
- Dual data-rate of 1.25Gbps/1.063Gbps operation
- Compliant with Multi-Source Agreement (MSA) and Small Form-factor Pluggable (SFP)
- Compliant with SFF-8472
- Support Digital Diagnostic Monitoring Interface (DDMI)
- Compatible with SONET OC-24-LR-1 and Fibre Channel applications
- Simplex LC connector
- Hot Pluggable
- +3.3V single power supply
- Class 1 laser product complies with EN 60825-1
- Operating temperature of 0°C to +70°C



UT-9125TSD (1000Base-T)

UT-9125T (10/100/1000Base-T)

SFP 1.25G Copper Transceiver (for Cisco and others brand compatible)

- Up to 1.25Gbps bi-directional data links
- Hot-pluggable SFP footprint
- Fully metallic enclosure for low EMI
- Low power dissipation (1.05 W typical)
- Compact RJ-45 connector assembly
- 1000 BASE-T operation in host systems with SERDES interface
- 10/100/1000Mbps compliant in host systems with SGMII interface
- +3.3V single power supply
- Operating temperature of 0°C to +70°C

SFP+ 10G Transceiver



UT-9310A-XX

SFP+ 10G Transceiver (for Cisco and others brand compatible)

UT-9310HP-XX

SFP+ 10G Transceiver (for HP, Aruba and 3Com compatible)

- Available distances up to 80km
- Data Rate up to 10Gbps
- Optical interface compliant to IEEE 802.3ae
- Compliant with Multi-Source Agreement (MSA) and Enhanced Small Form Factor Pluggable (SFP+)
- Compliant with SFF-8472
- Support Digital Diagnostic Monitoring Interface (DDMI)
- Duplex LC connector
- Hot Pluggable
- +3.3V single power supply
- Class 1 laser product complies with EN 60825-1
- Operating temperature of 0°C to +70°C



UT-9402-XX

QSFP+ 40G Transceiver

- Available distances up to 40km
- Delivers reliable 40 GbE connections
- Compliant to IEEE 802.3ba specification for 40GBASE-IR4
- Compliant with Multi-Source Agreement (MSA) and Quad Small Form Factor Pluggable (QSFP+)
- Duplex LC connector
- Hot Pluggable
- +3.3V single power supply
- Class 1 laser product complies with EN 60825-1
- Operating temperature of 0°C to +70°C



UT-9310T

SFP+ 10G Transceiver, 10G Base-T

- Supports Links up to 30m with Cat 6A Cable
- IEEE 802.3az and 802.3an Compliant
- IEEE 802.3bz for 5G & 2.5G BASE-T
- Compliant with Multi-Source Agreement (MSA) and Enhanced Small Form Factor Pluggable (SFP+)
- SFF-8431 and SFF-8432 MSA Compliant
- Compact RJ-45 connector assembly
- Hot Pluggable
- Support MDI/MDI-X
- +3.3V single power supply
- Operating temperature of 0°C to +70°C

XX: The SFP communication distance upon the request (support 550m to 120km).

- SFP support 550m , 10km, 20km, 40km, 80km and 120km.
- SFP+ support 300m , 10km, 40km and 80km.
- QSFP+ support 2km, 10km and 40km.

PoE Injector

LINK PoE Injector is a 10/100/1000 Base-T single port, high-power PoE solution for remote PD devices. By generating up to 30W, There are supplies remote power for applications such as wireless access points, pan-tilt-zoom (PTZ) IP cameras and IP-Phones. It complies with IEEE802.3af/at PoE+ standards.



PS-8613
Gigabit PoE Injector, 30W



PS-8616
Gigabit PoE Injector, 60W

- 1 x 10/100/1000Mbps RJ45 port
- Delivering power up to 30W (PS-8613) and 60W (PS-8616)
- Support IEEE802.3af/at PoE standard
- Support auto MDI/MDI-X and auto-negotiation
- Automatic detection and protection of non-PoE devices
- 100~240 VAC, 50 to 60 Hz Power Input
- Operating temperature of -10°C to +50°C
- To provide easy installation with plug-and-play

PoE Surge Protector

PoE surge protector is an appliance designed to protect your devices from voltage spikes. It is used for the devices typically installed in outdoor surveillance systems, communications systems and other heavy-duty industrial systems, for the purpose of protecting against electrical surges and spikes, including those caused by lightning.



UT-8006



UT-8010



UT-8022



UT-8088

Part Number		UT-8006	UT-8010	UT-8022	UT-8088
Specifications	Interface	10/100/1000 Base-T	10/100/1000 Base-T	10/100/1000 Base-T	10/100/1000 Base-T
	PoE Standard	IEEE 802.3af/at	IEEE 802.3af/at	IEEE 802.3af/at	IEEE 802.3af/at
	Maximum discharge voltage (Vmax)	6kV	10kV	10kV	20kV
	Max Discharge Current	150A	5kA	2kA	8kA
	Housing	Plastic	Plastic	Aluminum	Aluminum

EoC (Ethernet over Coaxial)

LINK EoC Series is model for Ethernet over Coaxial with PoE standards, fulfill the real time transmission over coaxial. it provides high performance and transmit IP video (2 MP resolution, Full HD) or Ethernet up over existing coaxial. It can reduce the cost by avoid re-cabling when you require to replace IP camera instead analog camera.



PS-0122SET
1-Port FAST EoC w/PoE Converter SET

- 1 x 10/100Mbps RJ45 port and 1 x BNC
- Support IEEE802.3af/at PoE standard
- Support auto MDI/MDI-X and auto-negotiation
- Support Topology with Point to Point and Cascading
- transmit IP video or Ethernet up to 750m at 60Mbps max rate over existing coaxial
- Support to transmit VLAN packets (IEEE802.1Q)
- Operating temperature of -20°C to +70°C



PS-0120T
EoC w/PoE Transmitter



PS-0121R
EoC Receiver



PS-0194
Spare EoC AC Adapter 52V, 2.5A, 130W for EoC Receiver

HDMI Converter

Easy to distribute Full HD video from HDMI source by IP Network with resolution up to 1080p/60p and 100 meter distance over Cat6 cable.



VHD-7311
HDMI to 1-port UTP Transmitter Video Converter



VHD-7311R
UTP to 1-port HDMI Receiver Video Converter



VHD-7312R
UTP to 2-port HDMI Receiver Video Converter

- Easy to distribute Full HD video from HDMI source by IP Network
- Extends the transmission distance up to 100m over Cat6/6A Cable
- Support resolution up to 1080p/60Hz



Wireless Access Point

LINK Access Point is a gigabit dual-band access point. It offers a high concurrent data rate. Powered by MU-MIMO technology, so it can simultaneously communicate with multiple clients, greatly improving the throughput and bettering user experience. The built-in omni-directional antennas optimize signal radiating directions, broadening the wireless coverage.



PA-3120A

AC1200 Wave 2 Dual Band, Ceiling Gigabit AP with PoE

- IEEE 802.11a/b/g/n/ac
- Support PoE with IEEE 802.3af/at
- 1 x 10/100/1000Mbps LAN port
- 2.4 GHz and 5 GHz bands for more connected clients
- PA-3120A, Up to 1200Mbps dual-band data rate (300Mbps@2.4GHz + 867Mbps@5GHz)
- VLAN tagging for SSID
- MU-MIMO (2x2) over spatial streams for high throughput
- Built-in RF optimization features which include multi-user fairness, interference filtering, Prioritize 5GHz, and signal strength guarantee
- Support Web UI configuration
- Supports to be centrally managed by LINK Access Point Controller (PA-3191)



PA-3175

AC1750 Wave 2 Dual Band, Ceiling Gigabit AP with PoE

- IEEE 802.11a/b/g/n/ac
- Support PoE with IEEE 802.3af/at
- 1 x 10/100/1000Mbps LAN port
- 2.4 GHz and 5 GHz bands for more connected clients
- PA-3175, Up to 1750Mbps dual-band data rate (450Mbps@2.4GHz + 1300Mbps@5GHz)
- VLAN tagging for SSID
- MU-MIMO (3x3) over spatial streams for high throughput
- Built-in RF optimization features which include multi-user fairness, interference filtering, Prioritize 5GHz, and signal strength guarantee
- Support Web UI configuration
- Supports to be centrally managed by LINK Access Point Controller (PA-3191)



PA-3220

AC1200 Dual Band Indoor/Outdoor Gigabit AP with PoE

- IEEE 802.11a/b/g/n/ac
- Support PoE with IEEE 802.3af/at
- 1 x 10/100/1000Mbps LAN port
- 2.4 GHz and 5 GHz bands for more connected clients
- Up to 1200 Mbps dual-band data rate (300Mbps@2.4GHz + 867 Mbps@5GHz)
- VLAN tagging for SSID
- MU-MIMO (2x2) over 2:2 spatial streams for high throughput
- Durable IP65 enclosure for outdoor Wi-Fi applications
- Equipped with two 5 dBi high-gain omni-directional antennas
- Support Web UI configuration
- Supports to be centrally managed by LINK Access Point Controller (PA-3191)

Wireless AP Controller

LINK AP controller is specially designed to manage quantities of APs in the network for SMB. Abundant wireless features management including editing AP's name, SSID, Security key, RSSI threshold, Client limitation, VLAN, output power, channel and etc. Also it can monitor AP and clients online status. All these features help the administrator to install, manage and monitor APs at a single location.



PA-3191

Wireless AP Controller, Max 128 AP

- Maximum AP managed number up to 128
- AP Auto Discover and Configuration
- Unified manage all indoor and outdoor of LINK APs (PA-3120A, PA-3175 and PA-3220)
- 5 Gigabit Ethernet Ports
- Auto MDI/MDI-X and Auto-negotiation support on RJ45 port
- Monitor AP and clients online status

Wi-Fi Gigabit Router

LINK Wi-Fi Router upgrades your network to the next generation of Wi-Fi. With combined wireless speeds of up to 2.4GHz 300Mbps and 5GHz 867Mbps. You can run multiple applications in a large home or office. The Smart Wi-Fi Routers come equipped with Smart Wi-Fi software to make it easy to set up and monitor your home or office network.



PR-0120

AC1200 Gigabit Wi-Fi Dual Band Router

- IEEE 802.11a/b/g/n/ac
- 1 x 10/100/1000Mbps WAN Port
- 1 x 10/100/1000Mbps LAN Port
- 3 x 10/100Mbps LAN Port
- Support 2.4GHz and 5GHz dual-band
- Up to 1200 Mbps dual-band data rate
- 4 x 5dBi External antennas provide omni-directional stable signal and superior wireless coverage
- Built-in DHCP server with automatic dynamic IP address distribution
- Easy one-touch wireless security encryption with the WPS button
- Support Web UI configuration

Solution Overview

Proposed Solutions

- Strong metal housing with IP 30 certified can withstand mechanical stress, humidity, dirt, dust, shock, and vibrations and can withstand a temperature of -40°C–75°C.
- Using LINK-Dashboard feature, the topology can be easily viewed and it can be monitoring and management to make troubleshooting easier.
- LINK managed switches support STP/RSTP which provides redundant links to achieve faster convergence and loop free surveillance network ensuring reliability and security.
- The solution complies with PoE+ functionality that enable burden-less maintenance of different PoE devices like IP camera, Wi-Fi APs installed in office and organization.
- Gigabit bandwidth support plus extensive port density up to 24 Ports.
- Long-haul fiber connectivity by LINK's SFP/SFP+ that provide high-bandwidth connectivity and can easily extensible to every as well as control room.
- LINK's AP offers high data rate. Powered by MU-MIMO technology, it can simultaneously communicate with multiple clients, greatly improving the throughput and bettering user experience.
- Network administrators can make centralized control policies to manage the configuration of all access points by LINK's AP Controller.



Networking Product Applied

- | | | |
|-------------|-------------------|------------|
| • UT-1310HA | • UT-9125D Series | • PA-3120A |
| • PG-4026 | • UT-8010 | • PA-3175 |
| • PSG-5008 | • VHD-7311 | • PA-3220 |
| • PS-3140 | • VHD-7311R | • PA-3191 |
| • PS-3180 | | |



Distributed by

