GIGABIT / FAST ETHERNET POE SWITCHES

Gigabit Smart Managed PoE Switch

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMCGS801P</td>
<td>8 Port Gigabit Desktop PoE Switch, 105W max</td>
</tr>
<tr>
<td>SMCGS10P</td>
<td>10 Port Gigabit Rackmount PoE Switch, 75W max</td>
</tr>
<tr>
<td>SMCGS18P-SMART</td>
<td>18 Port Gigabit Rackmount PoE Switch, 225W max</td>
</tr>
<tr>
<td>SMCGS26P-SMART</td>
<td>26 Port Gigabit Rackmount PoE Switch, 225W max</td>
</tr>
<tr>
<td>SMCGS50P-SMART</td>
<td>50 Port Gigabit Rackmount PoE Switch, 525W max</td>
</tr>
</tbody>
</table>

SMC Network’s Gigabit Ethernet Smart switches provide Gigabit PoE ports and 2 100/1000BASE-X SFP slots. The switch supports a flexible web-based management interface as well as SNMP for both IPv4 and IPv6. The SMC Smart switch provides a range of feature-rich functions, including VLANs, Spanning Tree, link aggregation, multicasting, security, storm control, and QoS with 8 priority queues. Ideal for users looking to migrate from unmanaged to managed networks, this Smart switch is easy to install and perfect for SMB and SOHO businesses.

FEATURES

- 10/100/1000Base-T RJ-45 PoE ports
- Dual speed 100/1000BASE-X 2G SFP uplink ports
- Conforms to IEEE 802.1D/w/n standards
- Supports STP fast forwarding/Auto Edge
- Loopback detection
- Supports 8K MAC Filter and IP Filter
- Conforms to IEEE 802.3x flow control standards
- Broadcast/Multicast/Unknown unicast control
- Supports auto MDI/MDI-X function
- 2 Year Warranty

Fast Ethernet Unmanaged PoE Switch

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMCF801P</td>
<td>8 Port 10/100 Desktop PoE Switch, 105W max</td>
</tr>
<tr>
<td>SMCF1601P</td>
<td>16 Port 10/100 Rackmount PoE Switch, 200W max</td>
</tr>
</tbody>
</table>

10/100Mbps Unmanaged PoE Switch

FEATURES

- 10/100BASE-TX RJ-45 PoE ports
- Conforms to IEEE 802.3x flow control standards
- Supports IEEE 802.3af/802.3at
- Supports auto MDI/MDI-X function
- Supports 10/100Mbps auto-detect half/full duplex
- Wire-speed packet filtering and forwarding rate
- Store-and-forward architecture filters fragment & CRC error packets
- 2 Year Warranty

Fast Ethernet Smart Managed PoE Switch

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWS808P</td>
<td>8 Port 10/100 Desktop PoE Switch, 120W max.</td>
</tr>
<tr>
<td>SWS816P</td>
<td>16 Port 10/100 Rackmount PoE Switch, 250W max.</td>
</tr>
</tbody>
</table>

10/100Mbps Smart Managed PoE Switch

FEATURES

- Conforms to IEEE 802.3 10BASE-T, IEEE802.3u 100BASE-TX and IEEE 802.3x flow control standards
- Supports 10/100Mbps auto-detect half/full duplex
- Supports TP auto MDI/MDI-X function for auto TX/RX swap
- Supports 802.3x flow control pause packet for full duplex
- SWS808P supports VLAN, QoS
- SWS816P supports VLAN, Port trunking & IGMP, QoS
- SWS816P supplied with rackmount kit
- 2 Year Warranty
## Fast Ethernet Unmanaged PoE Switch

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW5844P</td>
<td>8 Port 10/100 Desktop Switch</td>
</tr>
</tbody>
</table>

### FEATURES
- Conforms to IEEE 802.3 10BASE-T, IEEE802.3u 100BASE-XT and IEEE 802.3x flow control standards
- Supports 10/100Mbps auto-detect half/full duplex
- Supports TP auto MDI/MDI-X function for auto TX/RX swap
- Supports 802.3x flow control pause packet for full duplex
- 2 Year Warranty

## Power Over Ethernet PoE+ Injector

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP-PWR50</td>
<td>Gigabit 30W PoE+ Injector, IEEE 802.3af &amp; IEEE 802.3at (Highpower PoE) compliant</td>
</tr>
<tr>
<td>IP-PWR40</td>
<td>Fast Ethernet 30W PoE+ Injector, IEEE 802.3af &amp; IEEE 802.3at (Highpower PoE) compliant</td>
</tr>
</tbody>
</table>

### FEATURES
- Ideal when AC power is not available
- Full-power Class 3 PoE design
- Power output of up to 30 Watts
- Supports all IEEE 802.3af compliant PoE devices (Wireless LAN access points and bridges, VoIP (Voice over Internet Protocol) telephones, IP surveillance cameras)
- Supports IEEE 802.3af detection and short circuit, overload and high-voltage protection

## Power Over Ethernet PoE Splitter

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP-PWR30</td>
<td>Fast Ethernet 15.4W PoE Injector, IEEE 802.3af compliant</td>
</tr>
<tr>
<td>IP-PWR40</td>
<td>IP-PWR50</td>
</tr>
</tbody>
</table>

### FEATURES
- IEEE 802.3af-compliant PoE splitter
- Can be used to connect non-PoE IEEE 802.3af compliant devices to a PoE injector or PoE switch
- Output current selectable: 5, 7.5, 9 or 12V DC
- Output power max: 15.4W
- Supports 10/100 auto-sensing input port
- Supports auto MDI/MDI-X function and NWAY auto-negotiation support full/half duplex operation
- LED for link on PoE input port
GIGABIT SWITCHES

### Gigabit Smart Managed Switch

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMCGS10C-SMART</td>
<td>10 Port Gigabit Rackmount Switch</td>
</tr>
<tr>
<td>SMCGS18C-SMART</td>
<td>18 Port Gigabit Rackmount Switch</td>
</tr>
<tr>
<td>SMCGS26C-SMART</td>
<td>26 Port Gigabit Rackmount Switch</td>
</tr>
<tr>
<td>SMCGS50C-SMART</td>
<td>50 Port Gigabit Rackmount Switch</td>
</tr>
</tbody>
</table>

SMC Network’s Gigabit Ethernet Smart switch provides Gigabit ports and 2 100/1000BASE-X SFP slots. The switch supports a flexible web-based management interface as well as SNMP for both IPv4 and IPv6. The SMC Smart switch provides a range of feature-rich functions, including VLANs, Spanning Tree, link aggregation, multicasting, security, storm control, and QoS with 8 priority queues. Ideal for users looking to migrate from unmanaged to managed networks, this Smart switch is easy to install and perfect for SMB and SOHO businesses.

### Features
- 10/100/1000Base-T RJ-45 ports
- Dual speed 100/1000BASE-X 2G SFP uplink ports
- Conforms to IEEE 802.1D/w/n standards
- Supports STP fast forwarding/Auto Edge
- Loopback detection
- Supports 8K MAC Filter and IP Filter
- Conforms to IEEE 802.3x flow control standards
- Broadcast/ Multicast/ Unknown unicast control
- Supports auto MDI/MDI-X function
- 2 Year Warranty

### Gigabit Unmanaged Switch

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMCGS1601</td>
<td>16 Port Gigabit Rackmount Switch</td>
</tr>
<tr>
<td>SMCGS2401</td>
<td>24 Port Gigabit Rackmount Switch</td>
</tr>
</tbody>
</table>

10/100/1000Mbps Unmanaged Rackmount Switch

### Features
- 10/100/1000Base-T auto-negotiation RJ-45 ports
- Supports Auto-MDI/MDI-X on all ports
- Conforms to IEEE 802.3x flow control standards
- Supports 8K MAC Filter
- Green Ethernet power saving
- Support IEEE 802.1p Quality of Service
- 2 Year Warranty

### Gigabit Unmanaged Switch

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMCGS501</td>
<td>5 Port Gigabit Desktop Switch</td>
</tr>
<tr>
<td>SMCGS801</td>
<td>8 Port Gigabit Desktop Switch</td>
</tr>
</tbody>
</table>

10/100/1000Mbps Unmanaged Desktop Switch

### Features
- Supports Auto-MDI/MDI-X on all ports
- Supports Jumbo Packets up to 9K bytes
- Features Store-and-Forward mode with wire-speed filtering and forwarding rates
- IEEE802.3x compliant full-duplex flow control, HOL blocking prevention
- Broadcast storm control and CRC Filtering
- LED indicators for simple troubleshooting
- 2 Year Warranty
## Gigabit Unmanaged Switch

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS-1016</td>
<td>16 Port Gigabit Rackmount Switch</td>
</tr>
<tr>
<td>GS-1026</td>
<td>24 Port + 2 SFP Ports Gigabit Rackmount Switch</td>
</tr>
</tbody>
</table>

10/100/1000Mbps Unmanaged Rackmount Switch

**FEATURES**
- Supports High-Speed Networking and Jumbo Frames
- Supports Auto-MDI/MDI-X on all ports
- Supports Non-Blocking Wire Speed
- Supports Store and Forward Architecture
- Built in 2 SFP Ports (GS-1026)
- 2 Year Warranty

---

## Gigabit Unmanaged Switch

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW5500G</td>
<td>5 Port Gigabit Desktop Switch</td>
</tr>
<tr>
<td>SW5800G</td>
<td>8 Port Gigabit Desktop Switch</td>
</tr>
</tbody>
</table>

10/100/1000Mbps Unmanaged Desktop Switch

**FEATURES**
- Complies with the IEEE 802.3, IEEE 802.3u and IEEE 802.3ab standards
- Supports Auto-MDI/MDI-X on all ports
- Supports flow control, Non-blocking and Jumbo Frame
- Smart Green Ethernet technology reduces power consumption by 30%~50% - Automatically detects the length of the Ethernet cable and adjusts the power consumption
- Detects the link status of each port, when the port is idle, it reduces its power usage
- 2 Year Warranty

---

## Fast Ethernet Unmanaged Switch

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMCF51601</td>
<td>16 Port 10/100 Rackmount Switch</td>
</tr>
<tr>
<td>SMCF52401</td>
<td>24 Port 10/100 Rackmount Switch</td>
</tr>
</tbody>
</table>

10/100/1000Mbps Unmanaged Rackmount Switch

**FEATURES**
- SMC Green Saving Technology
- Power saving by auto-detection of active ports
- Power saving by cable length Auto-Detection
- Filtering and forwarding at full wire speed on all ports
- Automatic address learning
- Plug and play
- Supports Auto-MDI/MDI-X on all ports
- Internal power supply
- 2 Year Warranty

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## Fast Ethernet Unmanaged Switch

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMCF5S01</td>
<td>5 Port 10/100 Desktop Switch</td>
</tr>
<tr>
<td>SMCF5S801</td>
<td>8 Port 10/100 Desktop Switch</td>
</tr>
</tbody>
</table>

10/100Mbps Unmanaged Fast Ethernet Desktop Switch

**FEATURES**
- Supports Auto-MDI/MDI-X on all ports
- Features Store-and-Forward mode with wire-speed filtering and forwarding rates
- IEEE802.3x compliant full-duplex flow control, HOL blocking prevention
- Broadcast storm control and CRC Filtering
- LED indicators for simple troubleshooting
- 2 Year Warranty
<table>
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<tr>
<th>MODEL CODE</th>
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</tr>
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<tbody>
<tr>
<td>NV-600L</td>
<td>VDSL2 CO Modem</td>
</tr>
<tr>
<td>NV-600R</td>
<td>VDSL2 CPE Modem</td>
</tr>
</tbody>
</table>

**FEATURES**

- Speeds up to 100 Mbps symmetrical (200Mbps aggregate bandwidth) at distances up to 300M.
- Distances over 1,280M at asymmetrical speeds over 30Mbps downstream and 3Mbps upstream.
- VDSL connections require 1 twisted-pair network grade cable or phone line.
- Auto-sensing/auto-configuring link operation for max. speed.
- Accommodates POTS/ISDN service over the same phone line.
- Supports Web Based (HTTP) Management.
- Bandwidth management (rate control) from 128k to 100Mbps.
- IEEE 802.1q tagging VLAN with Q-in-Q.
- Full-featured Router functionality.
- Surge protection and splitter on board.
- 1 Year Warranty.

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<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NV-802S</td>
<td>8 Port VDSL2 DSLAM with 2 x Gigabit RJ45/SFP Combo Ports</td>
</tr>
</tbody>
</table>

The NV-802S is a VDSL2 IP DSLAM that aggregates 8 ports into Giga Ethernet uplinks for high-speed data/Internet services.

**FEATURES**

- Speeds up to 100 Mbps symmetrical at distances up to 300M.
- Distances over 1,280M at asymmetrical speeds over 30Mbps downstream and 3Mbps upstream.
- VDSL connections require 1 twisted-pair network grade cable or phone line.
- Auto-sensing/auto-configuring link operation for max. speed.
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- Supports Web Based (HTTP) Management.
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- IEEE 802.1q tagging VLAN with Q-in-Q.
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<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW1016R</td>
<td>16 Port 10/100 Rackmount Switch</td>
</tr>
<tr>
<td>SW1024R</td>
<td>24 Port 10/100 Rackmount Switch</td>
</tr>
</tbody>
</table>

10/100 UTP Switch Fast Ethernet, 19" rackmount version

**FEATURES**

- Supports Auto-MDI/MDI-X on all ports.
- Complies with IEEE 802.3, 802.3u, 802.3x and 802.3az standards.
- Provides Store-and-Forward architecture and full wire speed forwarding and filtering rates.
- Supports IEEE 802.3az energy efficient Ethernet.
- Extensive front-panel diagnostic LEDs.
- 2 Year Warranty.

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<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW3205P</td>
<td>5 Port 10/100 Desktop Switch</td>
</tr>
<tr>
<td>SW3208P</td>
<td>8 Port 10/100 Desktop Switch</td>
</tr>
<tr>
<td>SW3316P</td>
<td>16 Port 10/100 Desktop Switch</td>
</tr>
</tbody>
</table>

10/100Mbps Unmanaged Desktop Fast Ethernet Switch

**FEATURES**

- Supports Auto-MDI/MDI-X on all ports.
- Extensive front-panel diagnostic LEDs.
- Provides Store-and-Forward architecture and full wire speed forwarding and filtering rates.
- All UTP Ports support full/half duplex modes.
- All UTP Ports support 10/100Mbps (Auto negotiation).
- Complies with the IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet standards.
- Supports flow control: back pressure for half-duplex mode, IEEE802.3x for full-duplex mode.
- External power supply.
- 2 Year Warranty.
SFP CONVERTER RACK / SFP MODULES

16 Port SFP Media Converter Rack

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
<th>HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFP-16AC</td>
<td>16 Port</td>
<td>1RU</td>
</tr>
</tbody>
</table>

The SFP-16AC is a simple, smart, and powerful patching hub that converts Ethernet RJ45 to SFP. The device can also be used as an Ethernet to fiber converter to extend the distance of Fast Ethernet and Gigabit Ethernet networks.

SFP-16AC provides a flexible lower-cost alternative to dedicated SFPs. The device supports hot swappable SFPs working at 100Mbps and 1000Mbps, as well as Ethernet copper ports working at 100Mbps and 1000Mbps. Auto-discovery of Fast Ethernet (100 Mbps) or Gigabit Ethernet (1000 Mbps) is supported.

FEATURES
- IEEE802.3u, IEEE802.3ab, IEEE802.3z
- Auto-Cross over for MDI/MDIX in TP port
- 100/1000Mbps Auto-Negotiation in TX port
- 100/1000Mbps, depending on the Link Speed of SFP port
- Supports Power/FDX/FX & TP Link Activity/FX & TP Speed LED
- Supports Link pass through and Link Alarm
- Converts 16 Fast Ethernet/Gigabit Ethernet to SFP sockets
- Supports any third-party standard SFP device
- Fully transparent Layer 1 wire-speed conversion
- 2 Year Warranty

10G Gigabit SFP+ Module

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
<th>COMATIBILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFP-10G-SRCLC, Multi-mode 300M</td>
<td>CISCO &amp; Generic</td>
<td></td>
</tr>
<tr>
<td>SFP-10G-SRHPLC, Multi-mode 300M</td>
<td>HP &amp; Generic</td>
<td></td>
</tr>
<tr>
<td>SFP-10G-LRCLC, Single-mode 10Kms</td>
<td>CISCO &amp; Generic</td>
<td></td>
</tr>
<tr>
<td>SFP-10G-LRHP LC, Single-mode 10Kms</td>
<td>HP &amp; Generic</td>
<td></td>
</tr>
</tbody>
</table>

10G SFP+ Ethernet with DOM Function. Available in both 300M and 10Kms. 2 Year Warranty

Gigabit SFP Module

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
<th>COMATIBILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFP-SX550CILC, Multi-mode</td>
<td>CISCO &amp; Generic</td>
<td></td>
</tr>
<tr>
<td>SFP-SX550HP LC, Multi-mode</td>
<td>HP &amp; Generic</td>
<td></td>
</tr>
<tr>
<td>SFP-LX10CILC, Single-mode</td>
<td>CISCO &amp; Generic</td>
<td></td>
</tr>
<tr>
<td>SFP-LX10HP LC, Single-mode</td>
<td>HP &amp; Generic</td>
<td></td>
</tr>
</tbody>
</table>

Gigabit multi-mode SFP Module 500M. Gigabit single-mode SFP Module 10KM. 2 Year Warranty
<table>
<thead>
<tr>
<th><strong>Gigabit SFP WDM Module</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MODEL CODE</strong></td>
</tr>
<tr>
<td>SFP-WDM-3CI</td>
</tr>
<tr>
<td>SFP-WDM-3HP</td>
</tr>
<tr>
<td>SFP-WDM-10CI</td>
</tr>
<tr>
<td>SFP-WDM-10HP</td>
</tr>
</tbody>
</table>

Gigabit SFP WDM Modules allow RX + TX signals down a single fibre using different 1310nm & 1550nm wavelengths. Available in both 3Km and 10Km. SFP modules sold in pairs. 2 Year Warranty.

<table>
<thead>
<tr>
<th><strong>Fast Ethernet SFP Module</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MODEL CODE</strong></td>
</tr>
<tr>
<td>SFP-FEMM</td>
</tr>
<tr>
<td>SFP-FESM</td>
</tr>
</tbody>
</table>

100M multi-mode SFP module 2Km
100M single-mode SFP module 20Km
2 Year Warranty

<table>
<thead>
<tr>
<th><strong>Gigabit Copper SFP Module</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MODEL CODE</strong></td>
</tr>
<tr>
<td>SFP-T1G</td>
</tr>
<tr>
<td>SFP-T1GHP</td>
</tr>
<tr>
<td>SFP-T</td>
</tr>
<tr>
<td>SFP-THP</td>
</tr>
</tbody>
</table>

Auto sensing 10/100/1000 RJ45 SFP Module. (SFP-T & SFP-THP) 2 Year Warranty. *Switch must support SGM11 interface

Fixed 1000Mbps RJ45 SFP Module. (SFP-T1G & SFP-T1GHP) 2 Year Warranty

<table>
<thead>
<tr>
<th><strong>10G Passive Ethernet SFP+ Cable</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MODEL CODE</strong></td>
</tr>
<tr>
<td>SFP+05M</td>
</tr>
<tr>
<td>SFP+1M</td>
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<tr>
<td>SFP+2M</td>
</tr>
<tr>
<td>SFP+3M</td>
</tr>
<tr>
<td>SFP+4M</td>
</tr>
<tr>
<td>SFP+5M</td>
</tr>
<tr>
<td>SFP+7M</td>
</tr>
<tr>
<td>SFP+10M</td>
</tr>
</tbody>
</table>

10G SFP+ cables are backward compliant with SFP 1G connections.
MEDIA CONVERTERS & RACK

**Media Converter Rack**

**MODEL CODE** | **TYPE**
--- | ---
LAN-RACK-16 | 16 Slots
LAN-RACK-PSU | Optional Redundant PSU

16 Slot Media Converter Rack with optional Redundant Power Supply Unit

**FEATURES**
- 16x Module Slots For CTS Media Converters
- 2x Slide-in hot-swappable power supply unit
- 3x hot-Swappable Fans
- 19” Rack mountable 2U Height
- LED indication for primary and backup power supply
- Power supply load sharing design
- Plug and play
- Dimensions 440 x 385x 88 mm (WxDxH)
- 2 Year Warranty

**Fibre to Fast Ethernet Unmanaged**

**MODEL CODE** | **CONNECTOR** | **DISTANCE**
--- | --- | ---
LAN-100BTFT | ST | Multi-mode 2KM
LAN-100BTFC | SC | Multi-mode 2KM
LAN-100BTFC30 | SC | Single-mode 30KM

**FEATURES**
- 10/100TX to 100FX
- Fully compliant with IEEE802.3 and IEEE802.3u standards
- Extended fibre optic distance from 2km to 30km
- External power supply
- Metal case
- Plug and play
- Fully compatible with LAN-RACK-16 Series
- 2 Year Warranty

**Fibre to Gigabit Ethernet Unmanaged**

**MODEL CODE** | **CONNECTOR** | **DISTANCE**
--- | --- | ---
LAN-3002BTFC | SC | Multi-mode 550M
LAN-3002BTFC10 | SC | Single-mode 10KM
LAN-3002SFP | SFP slot | Single-mode 10KM

**FEATURES**
- Fully compliant with IEEE 802.3z 1000Base-SX & IEEE 802.3ab 1000Base-T standards
- Supports auto MDI-MDIX on copper port
- Supports 2Gbps Full duplex
- Extended fibre optic distance from 550m to 10km
- Plug and play
- Fully compatible with LAN-RACK-16 Series
- 2 Year Warranty

**Managed Media Converter**

**MODEL CODE** | **TYPE**
--- | ---
LAN-3112BTFC | Gigabit 10/100/1000 UTP

Gigabit 10/100/1000 UTP to 1000Base-X Single-mode SC Fibre Managed Converter - 10 KM

**FEATURES**
- 10/100/1000Base-T to 1000Base-X media converter
- Stand-alone converter allows connection of Ethernet twisted-pair network to optical-fibre network to a maximum distance of 10Km
- Fully compliant with IEEE 802.3, 802.3u, 802.3ab & 802.3z standards
- Easy installation & operation
- Manage and monitor the real time operation status via SNMP or WEB management interface
- Fully compatible with LAN-RACK-16 Series
- 2 Year Warranty
### MEDIA CONVERTERS

#### 10G Dual SFP Media Converter

**MODEL CODE**  | **TYPE**  
--- | ---  
LAN-5002SFPP+ | 10G Dual SFP+ Media Converter  
LAN-5002SFPM | 10G Dual SFP Media Converter  

**FEATURES**  
- Supports 10 Gigabit Fibre to Fibre full duplex conversion  
- Complies with IEEE 802.3ae 10GBASE-R  
- LED Indicators for link and power status  
- Support 3R (Re-amplifying, Re-shaping, Re-timing) optical signal regeneration  
- Fully compatible with LAN-RACK-16 Series  
- 2 Year Warranty

#### Gigabit Dual SFP Media Converter

**MODEL CODE**  | **TYPE**  
--- | ---  
LAN-3002FMSFP | Gigabit 100/1000 Dual SFP Media Converter  
LAN-3002FMSFP+ | Gigabit 100/1000 Dual SFP+ Media Converter  

**FEATURES**  
- Fully compatible with IEEE 802.3u 100Base-TX/FX & IEEE 802.3z 1000Base-X standards  
- Supports 9K Bytes jumbo frame  
- Dual rate 100/1000 SFP’s  
- Supports Link Alarm  
- Fully compatible with LAN-RACK16 series  
- 2 Year Warranty

#### Managed SFP Media Converter

**MODEL CODE**  | **TYPE**  
--- | ---  
LAN-2112SF | Fast Ethernet 10/100 to 100M Fibre SFP Managed Converter  
LAN-3112SF | Gigabit 10/100/1000 to 1000M Fibre SFP Managed Converter  

**FEATURES**  
- LAN-2112SF complies with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX/FX  
- LAN-3112SF complies with IEEE 802.3ab 1000Base-T, IEEE 802.3z 1000Base-X  
- Store and forward switching mechanism  
- Auto-Negotiation in TP port, auto cross-over for MDI/MDIX in TP port  
- Supports SFF-8472 DMI, Flow Control, Jumbo frame 9K bytes, Link Alarm, Loopback test  
- Mini GBIC SFP not included  
- Fully compatible with LAN-RACK-16 Series  
- 2 Year Warranty

#### WDM to Fast Ethernet Converter

**MODEL CODE** | **CONNECTOR** | **DISTANCE** | **WAVELENGTH**  
--- | --- | --- | --- | 
LAN-100W2A | SC | 20KM | TX:1310NM, X1550NM  
LAN-100W2B | SC | 20KM | TX:1550NM, X1310NM  

**FEATURES**  
- Complies with IEEE802.3 and IEEE802.3u standards  
- Two-Wavelength Single-mode Fibre WDM Converter  
- 10/100 Auto Negotiation or manual setting for RJ45 Port Speed  
- Wavelength Division Multiplexers (WDM) allow both transmit and receive signals to be sent at different wavelengths down one single-mode fibre cable. This technology enables the bandwidth to be effectively doubled on single-mode fibre implementations.  
- External power supply  
- Fully compatible with LAN-RACK-16 Series  
- 2 Year Warranty
# Network IP Cameras

## Day & Night Outdoor Bullet IP Camera

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
<th>LENS</th>
</tr>
</thead>
<tbody>
<tr>
<td>B7210</td>
<td>Outdoor Day/Night</td>
<td>3 - 9mm, F1.2 Megapixel Vari-Focal</td>
</tr>
</tbody>
</table>

**Features**
- 2 megapixel 1080p HD resolution
- H.264, Motion JPEG, MPEG-4 and 3GPP video streams
- 30 fps in 1920 x 1080
- Day/night functionality with automatic removable IR-cut filter
- 4 high performance IR LEDs and 35m distance
- 3 - 9mm, F1.2 megapixel vari-focal lens
- High contrast bright & dark with WDR
- Analog video output through RCA connector
- MicroSD/SDHC card local storage
- Built-in heater and fan (-40 to 60°C operation)
- Cable concealment bracket
- Power over Ethernet (IEEE 802.3af)
- 2 x alarm input, 2 x alarm output
- IP66 rated weatherproof housing
- Camera tampering detection support
- Supports Samba network storage
- 3GPP mobile surveillance
- SSL v3 advanced HTTPS encryption
- Free bundled 32 channel NVR software
- Supports ONVIF
- 2 Year Warranty

## Day & Night Indoor Box IP Camera

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>F7210</td>
<td>Indoor Day/Night</td>
</tr>
<tr>
<td>WL7711USN</td>
<td>802.11n USB Wireless Adapter</td>
</tr>
<tr>
<td>WL7711UAN</td>
<td>802.11n USB Wireless Adapter</td>
</tr>
<tr>
<td>IP-LENS3-8</td>
<td>F1.2 Megapixel Vari-Focal Lens</td>
</tr>
</tbody>
</table>

**Features**
- 2 megapixel 1080p HD resolution
- H.264, Motion JPEG, MPEG-4 and 3GPP video streams
- 30 fps in 1920 x 1080
- Day/night functionality with automatic removable IR-cut filter
- F1.2 Megapixel Vari-Focal lens (IP-LENS3-8)
- High contrast bright & dark with WDR
- Analog video output through RCA connector
- MicroSD card slot
- Power over Ethernet IEEE 802.3af
- Two-way audio with built-in microphone and audio detection
- External Wi-Fi dongle support
- Camera tampering detection support
- RS-485 for pan/tilt control
- SSL v3 advanced HTTPS encryption
- Full support for Firefox and Mac OS
- 3GPP mobile surveillance
- Supports ONVIF
- Free bundled 32 channel NVR software
- 2 Year Warranty
# Network IP Cameras

## Day & Night Indoor Dome Camera

<table>
<thead>
<tr>
<th>Model Code</th>
<th>Type</th>
<th>Lens</th>
</tr>
</thead>
<tbody>
<tr>
<td>D5113</td>
<td>Indoor Day/Night</td>
<td>2.7-9mm, F1.2 Megapixel Vari-Focal</td>
</tr>
<tr>
<td>TS-615</td>
<td>Wall Mount Bracket for D5113 &amp; D7111</td>
<td></td>
</tr>
</tbody>
</table>

### Features
- 1 megapixel 720p HD resolution
- Multiple H.264, Motion JPEG, MPEG-4 and 3GPP video streams
- 30 fps in 1280 x 720
- Day/night functionality with automatic removable IR-cut filter
- 18 IR LEDs with adjustable brightness and 15m distance
- 2.7-9mm, F1.2 Megapixel Vari-Focal lens
- High contrast bright & dark with WDR
- Screwless 3-axis design for easy camera angle adjustment
- Analog Video Output through RCA connector
- Micro SD card local storage
- Power over Ethernet (IEEE 802.3af)
- 1 x alarm input, 1 x alarm output
- SSL v3 advanced HTTPS encryption
- Supports Samba network storage
- 3GPP mobile surveillance
- Free bundled 32 channel NVR software
- Free CamZaview mobile app for viewing, recording, and playback
- Supports ONVIF
- 2 Year Warranty

## Day & Night Outdoor Dome Camera

<table>
<thead>
<tr>
<th>Model Code</th>
<th>Type</th>
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</tr>
</thead>
<tbody>
<tr>
<td>D7111</td>
<td>Outdoor Day/Night</td>
<td>2.7-9mm, F1.2 Megapixel Vari-Focal</td>
</tr>
<tr>
<td>TS-615</td>
<td>Wall Mount Bracket for D5113 &amp; D7111</td>
<td></td>
</tr>
</tbody>
</table>

### Features
- 1 megapixel 720p HD resolution
- Multiple H.264, Motion JPEG, MPEG-4 and 3GPP video streams
- 30 fps in 1280 x 720
- Day/night functionality with automatic removable IR-cut filter
- 24 IR LEDs with adjustable brightness and 20m distance
- 2.7-9mm, F1.2 Megapixel Vari-Focal lens
- High contrast bright & dark with WDR
- Screwless 3-axis design for easy camera angle adjustment
- Analog Video Output through RCA connector
- Micro SD card local storage
- Power over Ethernet (IEEE 802.3af)
- 1 x alarm input, 1 x alarm output
- IP66 rated weatherproof and vandal-proof housing
- SSL v3 advanced HTTPS encryption
- Supports Samba network storage
- 3GPP mobile surveillance
- Free bundled 32 channel NVR software
- Free CamZaview mobile app for viewing, recording, and playback
- Supports ONVIF
- 2 Year Warranty
Day & Night Compact IP Camera

**FEATURES**
- 1 megapixel, 720p HD resolution
- Simultaneous H.264, Motion JPEG and MPEG-4 video streams
- 30 fps in 1280 x 720
- 4.0mm, F1.8 Megapixel Fixed Lens
- Day & night function with automatic removable IR cut filter
- Built-in IR LED illuminators with adjustable brightness and 10m range
- Built-in PIR sensor
- High contrast bright & dark with WDR
- Wireless 802.11 b/g/n with WPS (F3115)
- MicroSD card slot
- Two-way audio with built-in microphone and audio detection
- Camera tampering detection support
- 1 x alarm input, 1 x alarm output
- SSL v3 advanced HTTPS encryption
- Supports Samba network storage
- 3GPP mobile surveillance
- Free bundled 32 channel NVR software
- Free CamZaview mobile app for viewing, recording, and playback
- Supports ONVIF
- 2 Year Warranty

### MODEL CODE | TYPE | LENS
---|---|---
F3110 | Wired | 4.0mm, F1.8 Megapixel Fixed Lens
F3115 | Wireless | 4.0mm, F1.8 Megapixel Fixed Lens

### NETWORK IP CAMERAS

Compact Pan and Tilt, Day & Night IP Camera

**FEATURES**
- 1.3 megapixel CMOS sensor
- Motorised pan & tilt
- Plug & View Cloud based storage technology
- Free viewer software to access 16 network cameras simultaneously
- Easy remote monitoring via iPhone, iPad, Android phones, PC & Mac
- Built-in IR LED illuminators with adjustable brightness and 10m range
- High-speed triple-mode (H.264, MPEG-4 & M-JPEG) video compression
- Multi-area motion detection
- Sends motion-detected snapshots to e-mail and FTP
- Pre & post-recording upon detected motion
- Manual/scheduled/cycle recording
- 2-way audio
- Fast Ethernet IEEE 802.3/802.3u
- Wireless IEEE 802.11b/g/n (LAN-IC7110W)
- 4MB flash, 64MB SDRAM
- 2 Year Warranty

### MODEL CODE | TYPE | LENS
---|---|---
LAN-IC7110P | Wired Day & Night | 3.58mm, F2.0
LAN-IC7110W | Wireless Day & Night | 3.58mm, F2.0
Network Hardware

Network IP Cameras

Compact Day & Night IP Camera

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
<th>LENS</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAN-IC3110P</td>
<td>Wired Day &amp; Night</td>
<td>5mm, F2.8</td>
</tr>
<tr>
<td>LAN-IC3110W</td>
<td>Wireless Day &amp; Night</td>
<td>5mm, F2.8</td>
</tr>
</tbody>
</table>

Features:
- 1.3 megapixel CMOS sensor
- Plug & View Cloud based storage technology
- Free viewer software to access 16 network cameras simultaneously
- Recording format: AVI
- High-speed triple-mode (H.264, MPEG-4 & M-JPEG) video compression
- Built-in IR LED illuminators with adjustable brightness and 10m range
- Multi-area motion detection
- SDHC/SD card slot for local snapshot and video storage
- 2-way audio, UPnP & DDNS support
- Easy remote monitoring via iPhone, iPad, Android phones, PC & Mac
- 2-way audio
- Fast Ethernet IEEE 802.3/802.3u
- Wireless IEEE 802.11b/g/n (LAN-IC3110W)
- 4MB flash, 64MB SDRAM
- 2 Year Warranty

Compact Wireless IP Camera

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>LENS</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAN-IC3015WN</td>
<td>Wireless</td>
<td>1.7mm, F2.4</td>
</tr>
</tbody>
</table>

Features:
- 1.3 megapixel CMOS sensor
- Wide angle, high quality videos
- Motion triggered snapshots + recording
- Video compression: M-JPEG
- Recording format: AVI
- Image format: JPEG
- SXVGA (1280 x 960) at 30fps
- Free viewer software to access 16 network cameras simultaneously
- Easy remote monitoring via iPhone, iPad, Android phones, PC & Mac
- Web management interface
- Fast Ethernet IEEE 802.3/802.3u
- Wireless IEEE 802.11b/g/n
- Ethernet (RJ-45) port
- Reset/WPS button
- Fixed antenna (2dBi)
- 4MB flash, 32MB SDRAM
- 2 Year Warranty
The Playon!HD 3D is the next generation of network media players capable of playing 3D content to bring home entertainment to a visually stunning, life-like experience with your 3D capable display! The Playon!HD 3D features Realtek’s latest processor with and supports most media formats. The Playon!HD 3D is the only device you need for your home entertainment.

Enjoy streaming more programs with internet media channels (region-specific), lite web browsing, social media and more!

Experience the pure performance of gigabit wired networking for the very best in media streaming. Wireless networking is also supported with a built-in wireless-N adapter. The Playon!HD 3D includes a USB3.0 slave port, supporting the fastest transfer speeds available to USB to copy your files from your PC to the Playon!HD 3D.

**FEATURES**
- Support various 3D video files
- Built-in Wireless LAN 802.11b/g/n (150mbps)
- Next generation Realtek 1185 media processor
- USB3.0 Slave Port
- Gigabit LAN for performance network video streaming
- EZ-Slot for easy installation of 3.5” hard drive
- Engaging social media via Facebook and Twitter
- Torrent downloader and network drive (NAS)
- 2 Year Warranty

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The Playon!HD2 Mini is the next generation of network media streamer, taking your digital entertainment to the next level. Stream all your media files from your attached media storage or over your network, and enjoy them directly in the comfort of your living room.

The Playon!HD2 Mini makes digital entertainment at home easy. Enjoy more interaction with friends through Facebook, Twitter and MSN.

Building on the success of the original world’s first, Playon!HD, the Playon!HD2 Mini is the first Full HD Network Media Player to feature Realtek’s latest processor. Enjoy the pure performance of gigabit wired networking for the very best in media streaming. Wireless networking is also supported with optional Wireless-N via an external adapter.

**FEATURES**
- More format support - supports BD-ISO and DVD IFO/ISO
- NAS functionality - transform your USB storage device
- Silent cooling - effective heat dissipation design
- Engage Social Media - Facebook, Twitter, MSN, Skype
- Gigabit wired networking - for performance streaming
- Unique user interface - Playon! GUI2.0
- Smart content management - auto file indexing
- 2 Year Warranty
500Mbps Nano PowerLine

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP-S101</td>
<td>Adapter (1 piece)</td>
</tr>
<tr>
<td>HP-S101K</td>
<td>Adapter Kit (2 piece)</td>
</tr>
</tbody>
</table>

If your home or office does not have Ethernet cables installed in the wall and you dislike the idea of unsightly external cabling running all over the place, use the Edimax HP-S101K to turn the existing electrical wires in your home or office into a high-speed network connection. With the HP-S101K, annoying cable planning and installation are no longer necessary. The HP-S101K enables you to create a network environment easily and cost-effectively.

**FEATURES**
- Utilizes existing electrical wires to transmit network data
- Power line transmission range up to 300 meters
- Maximum power line speed up to 500Mbps
- Backward compatible with 200Mbps power line adapters
- Easy plug-n-play setup and 128 bit AES security
- Features energy saving mode to reduce power consumption
- 2 Year Warranty

USB 2.0 to 10/100 Mbps Ethernet Converter

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAN-EU4208</td>
<td>USB 2.0 to 10/100 Mbps Ethernet Converter</td>
</tr>
</tbody>
</table>

**FEATURES**
- Complies with USB 2.0 and USB 1.1 specifications
- Compatible with IEEE 802.3 (10Base-T) and 802.3u (10Base-TX) and T4 standards
- Single chip USB to 10/100 Mbps fast ethernet controller
- Embedded 20KB SRAM for RX packet buffering
- Supports both full-duplex and half-duplex operations
- Supports suspended mode and remote wake-up
- Powered by USB port
- Equipped with diagnostic LEDs
- Plug and play
- Supports Windows 2000/XP/Vista/7/8 and Mac OS X 10.x
- 2 Year Warranty

Serial to Ethernet Adapter

<table>
<thead>
<tr>
<th>MODEL CODE</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCSN-011</td>
<td>IP Serial Server</td>
</tr>
</tbody>
</table>

**FEATURES**
- External serial to ethernet solution
- Built-in web page for easy configuration and operation
- Supports 10/100 Mbps ethernet
- Supports RS-232, RS-422 and RS-485 serial interface
- Supports LAN and WAN communications
- In server mode, supports individual client sessions for security
- Management access password protected
### Network Hardware

#### Print Servers / Network Cards

<table>
<thead>
<tr>
<th>Single Port Print Server</th>
<th>USB Multi-Function Print Server</th>
<th>3 Port Print Server</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MODEL CODE</strong></td>
<td><strong>TYPE</strong></td>
<td><strong>MODEL CODE</strong></td>
</tr>
<tr>
<td>PS-1206P</td>
<td>1x Parallel Port</td>
<td>PS-1206MF</td>
</tr>
<tr>
<td>PS-1206U</td>
<td>1x USB Port</td>
<td></td>
</tr>
</tbody>
</table>

**FEATURES**
- Complies with IEEE 802.3, IEEE 802.3u wired Ethernet standards
- Provides one USB 2.0 (PS-1206U) or parallel port (PS-1206P) to connect to printer
- Supports TCP/IP, IPX/SPX, NetBEUI and AppleTalk network protocols
- Supports Peer-to-Peer printing (TCP/IP/IPX/NetBEUI/AppleTalk)
- Supports server-based printing (Novell NetWare and Windows)
- 2 Year Warranty

<table>
<thead>
<tr>
<th>Fast Internet Network Card</th>
<th>PCI Express Gigabit Network Card</th>
<th>PCI Gigabit Network Card</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MODEL CODE</strong></td>
<td><strong>TYPE</strong></td>
<td><strong>MODEL CODE</strong></td>
</tr>
<tr>
<td>LAN-9130</td>
<td>32-Bit 33MHz PCI 10/100Mbps, WoL NIC</td>
<td>LAN-9260-E</td>
</tr>
<tr>
<td>LAN-9130TXL</td>
<td>32-Bit 33MHz PCI 10/100Mbps NIC</td>
<td>LAN-HH9260E</td>
</tr>
<tr>
<td>LAN-HH9130</td>
<td>Low Profile Bracket for LAN-9130TXL</td>
<td></td>
</tr>
</tbody>
</table>

**FEATURES**
- Complies with IEEE 802.3, 802.3u and 802.3x standards
- Supports 32-bit, 33MHz PCI Local Bus Master Version 2.2/2.1
- Supports 10/100Mbps auto-negotiation and Full/Half Duplex
- UTP Port Includes Wake on LAN adapter and Boot ROM (LAN-9130 only)
- Supports ACPI
- Easy plug and play
- Built-in FIFO buffers eliminate the need for external memory
- 2 Year Warranty

**FEATURES**
- Complies with IEEE 802.3, 802.3u and 802.3ab standards
- Auto-negotiation for 10/100/1000 Mbps ethernet networks
- Wake on LAN (WOL) and active state power management
- Link Aggregation (trunking)
- Supports Transmission Control Protocol (TCP), User Datagram Protocol (UDP), Internet Protocol (IP)
- Full duplex mode
- Supports auto MDI/MDI-X
- 2 Year Warranty

**FEATURES**
- Complies with IEEE 802.3, 802.3u, 802.3ab and 802.3x standards
- Supports IEEE 802.3x Full Duplex flow control to enhance throughput
- Supports IEEE 802.1Q VLAN tagging
- Supports 10/100/1000 Mbps Auto Negotiation and Jumbo Frame
- Easy plug and play
- Supports PCI 2.2 Wake On LAN function
- Supports auto MDI/MDI-X
- Supports 32-bit, 66/33MHz PCI Local Bus Master for high speed operation of Rev.2.3/2.2/2.1 specification
- 2 Year Warranty