



## IntraCore<sup>®</sup> IC3624PWR

24-port 10/100 PoE L2+ Switch with Dual Gig



Building a “next generation” network is easier with the IntraCore IC3624PWR L2+ switch. With advanced features and Power over Ethernet (802.3af) power management, deploying voice over IP (VoIP) telephones, cameras and wireless access points has never been simpler.

### Power over Ethernet

Compared with conventional 24-port 10/100 Fast Ethernet L2 switches, the IC3624PWR L2+ delivers power for all compatible devices.

- Meets IEEE 802.3af PoE standards
- 170 watts of total power (up to 15.4 watts per 10/100 port)
- Ideally suited for high-quality VoIP traffic and other time-sensitive, real-time applications due to its unique support of L2+ features: IEEE 802.1p prioritization, DiffServ and IP ToS.

### Advanced Features

The switch supports all the services you’ll need for your advanced network.

- Supports 802.1x authentication per port
- Up to 255 VLANs with GVRP and GARP
- 4 class of service queues per port
- IGMP v1 and v2 snooping support
- 6 groups of trunking for link aggregation and resiliency
- IEEE 802.1d and 802.1s spanning tree support with rapid reconfiguration and fast link option

The IC3624PWR can be managed via:

- Web browser
- Telnet (multiple sessions)
- Console
- SNMP v1 and v2c

### Gigabit Performance

With a non-blocking switch fabric of 8.8 Gbps, the IC3624PWR delivers up to 1,488,000 packets per second on each Gigabit port. On ports 25 and 26, choose from 10/100/1000BaseT copper or fiber (using optional SFP modules, sold separately) connections.

## SPECIFICATIONS

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### Ports

Fast Ethernet:	24 x 10/100BaseTX Fast Ethernet ports with Auto-Uplink: RJ-45 shielded connectors
Gigabit Ethernet:	Ports 25 and 26 are combo. 2 x 10/100/1000BaseT Gigabit Ethernet ports with Auto-Uplink: RJ-45 shielded connectors. 2 x 1000BaseX Gigabit Ethernet ports: SFP Mini-GBIC
Console:	Serial RS232: DB9 Male

### Status Indicators

Power:	System is on (green)
Status:	System is functioning properly (green)
Per 10/100 Port:	Link (solid)/activity (blink) and PoE, 10 Mbps (yellow), 100 Mbps (green)
Per Gigabit Port:	Link (solid)/activity (blink), 100 Mbps (green), 1000 Mbps (green)

### Performance

Efficiency:	Wire-speed Gigabit switching (1,488,000 pps) and Fast Ethernet switching (148,800 pps)
Switch Architecture:	Non-blocking 8.8 Gbps switch fabric
Flow Control:	IEEE 802.3x flow control (full duplex) and back pressure (half-duplex)
Forwarding MAC Table:	Up to 8K unicast addresses with automatic learning and aging
Packet Buffer:	256 KB

### L2+ Switching

Virtual LANs:	IEEE 802.1q, 255 VLANs
Spanning Tree:	IEEE 802.1d (STP), IEEE 802.1s (multiple), IEEE 802.1w (rapid reconfiguration), fast link
Flow Control:	IEEE 802.3x
Link Aggregation:	IEEE 802.3ad, LACP, up to 6 trunks
Authentication:	IEEE 802.1x per port access control
Quality of Service:	IEEE 802.1p, DiffServ and IP ToS
Power over Ethernet:	Up to 15.4 watts per 10/100 port; 170 watts total

### Physical

Dimensions and Weight:	17.3 x 9.9 x 1.7 inches (440 x 253 x 43.2mm) and 9.5 lb (4.3 Kg)
Mounting:	Desktop or rack (rackmount kit included); 1U height
Operating Conditions:	32° to 104° F (0° to 40° C) with 10% to 90% non-condensing, relative humidity
Power:	Internal universal switching, 100-240 VAC, 50/60 Hz, maximum 225 watts

### Standards Compliance

Network:	IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX, IEEE 802.3ab 1000BaseT IEEE 802.3z 1000BaseSX/LX, IEEE 802.3x full duplex flow control
Safety:	UL
Emissions:	FCC Class A

### Support

Technical Support:	24-hour support via web and ftp. 90-day email and telephone support
Product Warranty:	2-year product warranty covers defects in manufacturing and workmanship

## ORDERING INFORMATION

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Model Name*	Description
IntraCore IC3624PWR	24 port 10/100 PoE managed L2 switch with 2 combo Gigabit Ethernet ports
SFP M1000SX	1000BaseSX SFP MiniGBIC module, duplex LC connector
SFP M1000LX	1000BaseLX SFP MiniGBIC module, duplex LC connector
SFP M1000LZ	1000BaseLZ SFP MiniGBIC module, duplex LC connector

\* For international part numbers, please refer to the Asante price list.



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