Simpler & Smarter Networking for SMBs

iPECS

ES-1008P/
ES-1016P

iPECS Fast Ethernet PoE Switch
ES-1008P / ES-1016P

ES-1000P UNMANAGED POE SWITCHES ARE AN EXCELLENT FIT
FOR SOHO AND SMALL BUSINESSES SUPPORTING PLUG AND PLAY
INSTALLATIONS AT FULLY WIRE-SPEED PERFORMANCE.

Overview

The LG-Ericsson iPECS ES-1008P and ES-1016P are 8 and 16-port Fast Ethernet Unman-aged PoE Switches that provide plug and play connectivity combined with Power over Ethernet for the SMB. The iPECS ES-1008P/1016P does not require any software configu-ration and installation is extremely quick and simple. Auto negotiation allows each port to automatically adjust for the best speed and transmission mode (half/full-duplex). The store-and-forward switching architecture prevents bad packets from being transmitted in the network.

The iPECS ES-1008P and 1016P features 4 and 8 IEEE802.3af PoE ports, with each port capable of supplying up to 15.4 Watts of power. PoE provides flexible placement options for wireless access points, IP cameras, and IP phones and allows these devices to be installed in locations that are far from AC power outlets. The iPECS Unmanaged PoE Switches provide SMBs a cost-effective solution to simplify the installation of a complete range of network devices, including PCs, wireless APs, IP cameras, and IP phones. With data and PoE integrated into one device, the LG-Ericsson iPECS ES-1008P/1016P is the ideal single solution that provides cost performance and flexibility to fulfill your business needs.
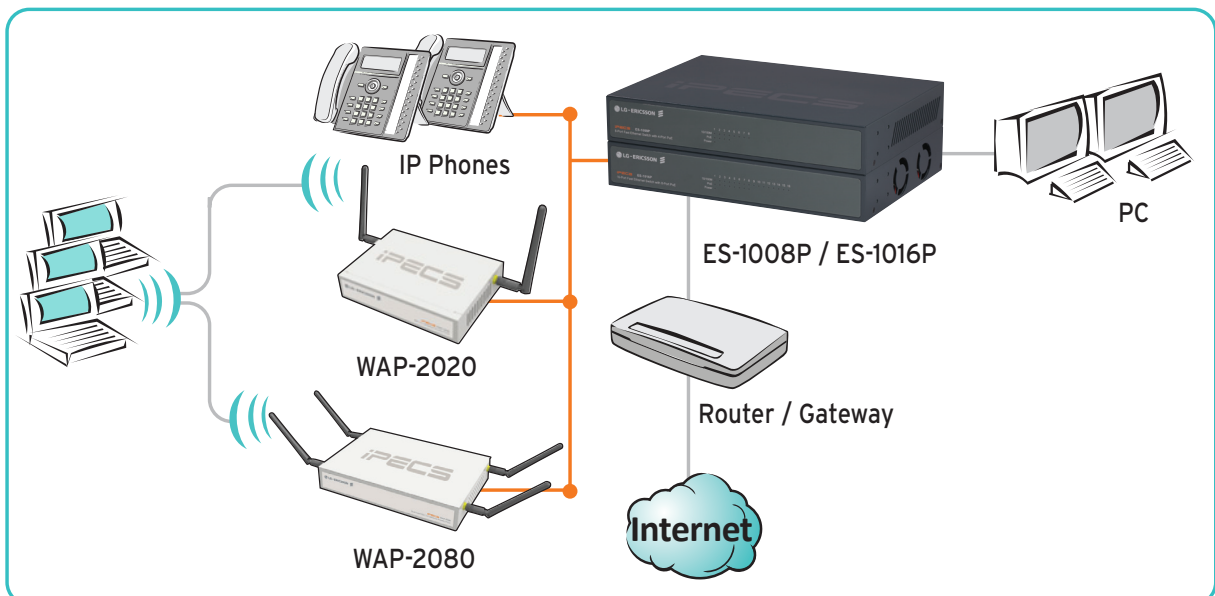
Highlights

Plug and Play Connectivity
No software configuration required

IEEE 802.3af PoE Support
Provides up to 15.4 watts of power per PoE port

Flexible Installation Options
Desktop or rack mount installation

IP Phones

WAP-2020

WAP-2080

ES-1008P / ES-1016P

PC

Router / Gateway

Internet

LG-ERICSSON

Technical Specifications

		ES-1008P	ES-1016P
Design			
	Enclosure	Metal	Metal
Performance	Switching Fabric Capacity (Gbps)	1.6	3.2
	Packet Forwarding Throughput (Mpps)	1.19	2.33
	Packet Buffer	96KB	160KB
	MAC Address Capacity	1K	8K
	Jumbo Frames support	-	-
	Auto-negotiation	Yes	Yes
	Auto-MDI/MDIX	Yes	Yes
Ports	Type of Service ports	100/100Base-TX	100/100Base-TX
	10/100Base-TX Ports per Unit	8	16
	Number of IEEE 802.3af PoE Ports	4	8
Dimensions	19" Rack Space (EIA Standard RU)	Yes	Yes
	Height (mm)	41	41
	Width (mm)	262	262
	Depth (mm)	184	184
	Weight (Kg)	1.38	1.66
PoE Power Budget	Total PoE Power Budget	64.3W (Port 1-4)	130W (Port 1-8)
	Max Power Budget per PoE Port	15.4W	15.4W
Power	100 ~ 240 VAC, 50/60Hz	Yes	Yes
	Power Supply	Internal	Internal
	Max power consumption (Watts)	64.3W (With 4 PoE devices connected) 4.85W (No PoE device connected)	130W (With 8 PoE devices connected) 10.1W (No PoE device connected)
Environmental	Operating Temperature (°C)	0 to 40 °C	0 to 40 °C
	Storage Temperature (°C)	–20 to 70 °C	–20 to 70 °C
	Operating Humidity (non-condensing)	10% to 90%	10% to 90%
	Storage Humidity (non-condensing)	10% to 90%	10% to 90%
Certifications	EMC Compliance - FCC	Yes	Yes
	EMC Compliance - CE	Yes	Yes
Environment Regulation Compliance	WEEE	Yes	Yes
	RoHS	Yes	Yes
Warranty	Warranty	2 Years	2 Years