

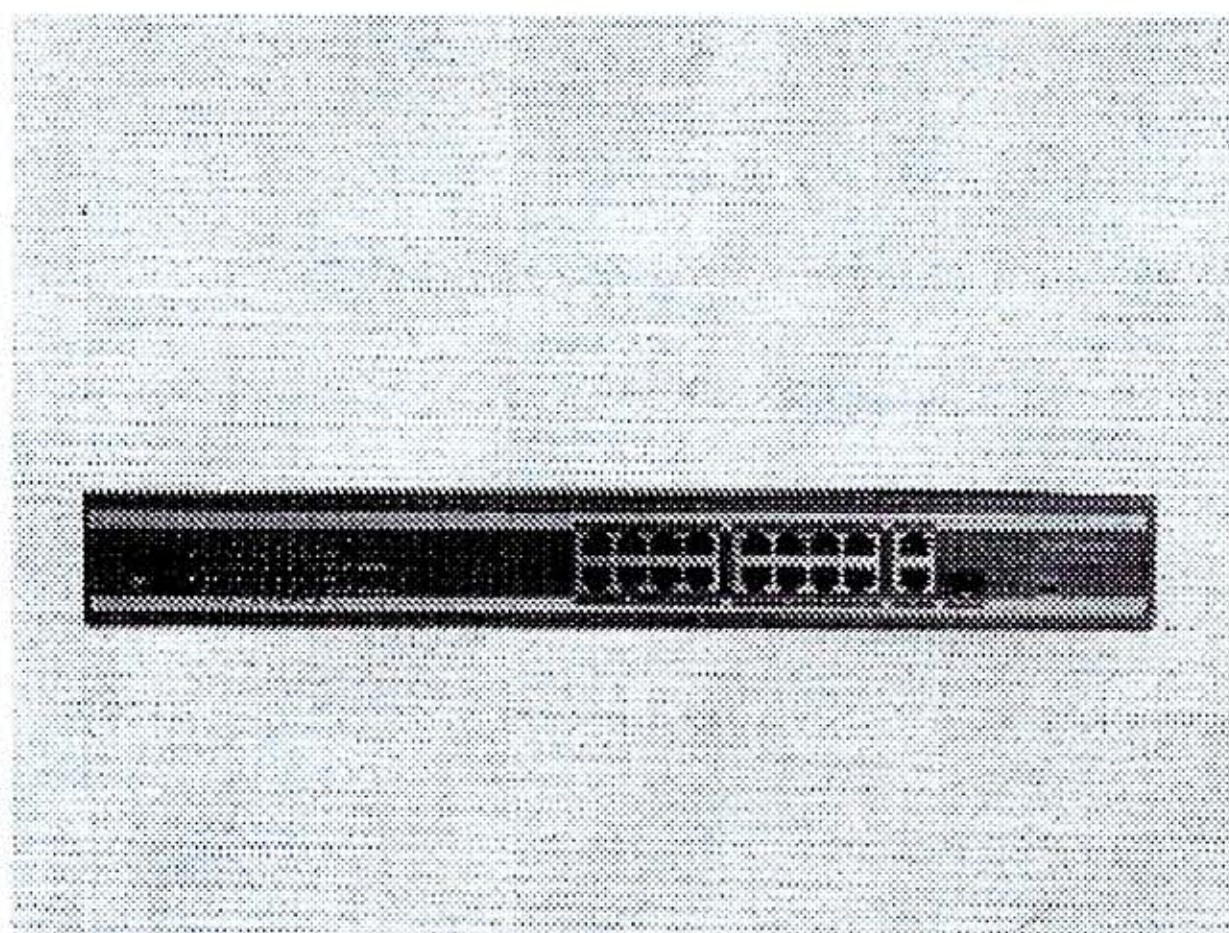
10/100Mbps 16+3 Port 250m PoE Switch

with built-in Power Supply (ND1P1603FGX)

1. Overview

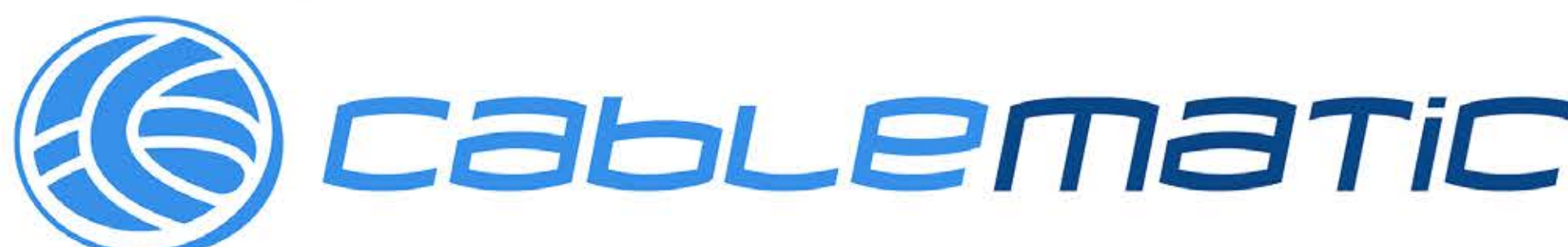
The switch is a compact 16+3 port PoE Switch, With 16*10/100Mbps PoE Switch, 2* 10/100/1000Mbps Uplink Ports and 1*10/100/1000Mbps SFP Port (combo), The 16* PoE ports can automatically detect and provide power for any connected 802.3af/at Powered Device (PD), such as VOIP phones, IP Cameras, All PoE ports support the IEEE 802.3af/at standard, with a maximum output of 30W each port.

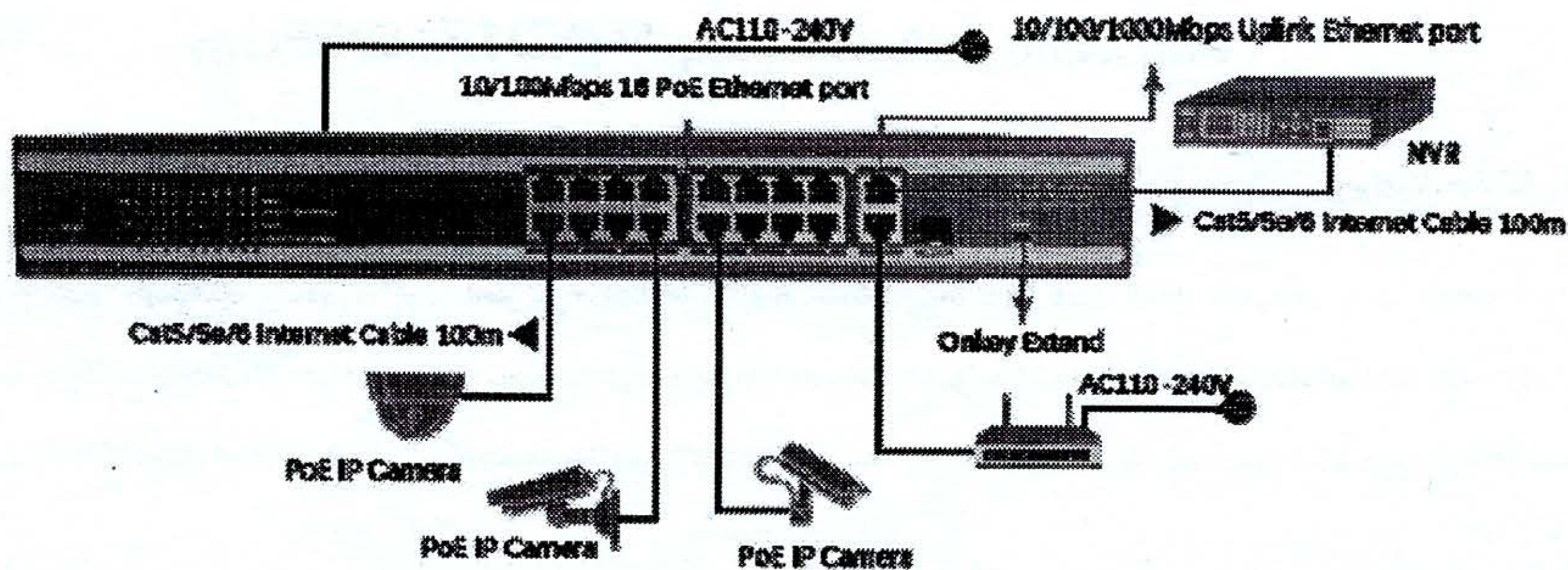
2. Feature



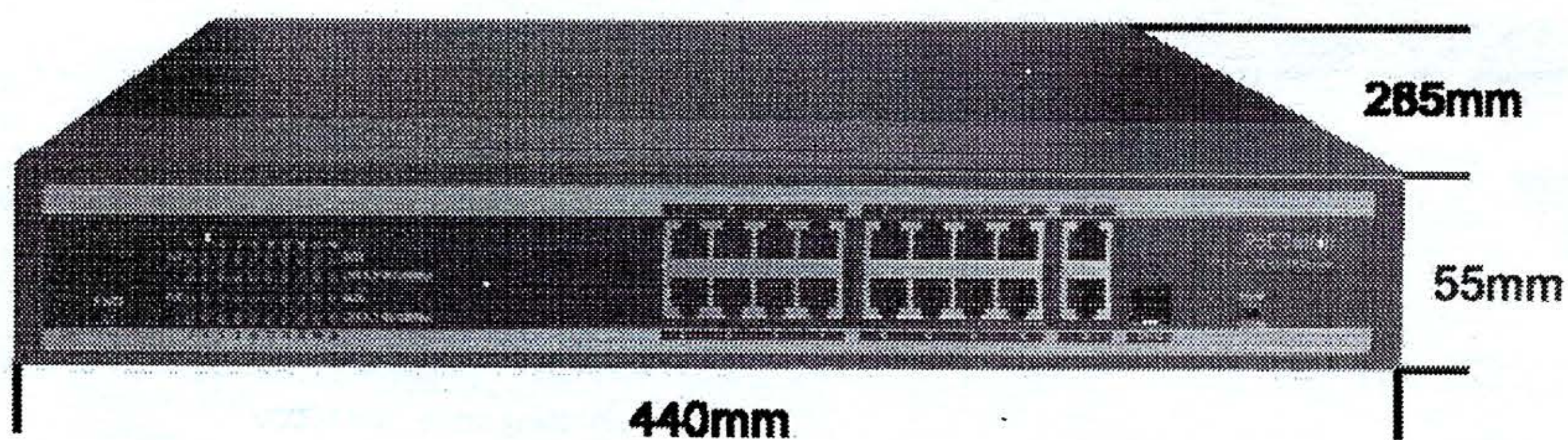
- 16*10/100Mbps PoE ports, 2*10/100/1000Mbps uplink port, 1 1000M SFP combo
- Support IEEE802.3af/at
- Support restrain network storm, VLAN function
- Support Max Transmission distance up to 250m with PoE Power
- All port supported by MDI/MDIX auto flip and self-negotiation
- Built-in power supply;
- Maximum power of single PoE port: 30W;
- Maximum PoE power: 250W;
- Adopts store-and-forward architecture;
- Fanless, natural cooling, small, compact and quiet design, suitable for desktop or wall
- Support lightning protection 6000V

3. Application Diagram





4. Dimensions



5. Specifications

Item		Description
Power	Power Adapter Voltage	AC 110V-240V
	Consumption	250W(52V.4.8A)
Network Port	POE Ethernet Port	1~16 Port : 10/100Mbps
	Ethernet port	Uplink Port : 10/100/1000Mbps
	SFP Port	SFP Port: 10/100/1000Mbps

Network Connector	Transmission Distance	1 ~16 Port : 100Mbps:0~100m;
		10Mbps: 0~250m;
		Uplink Port : 0 ~ 100m
		SFP:depends on the optical module
	Transmission Medium	Cat5/5e/6 standard network cable
Network Switch	Network Standard	IEEE802.3/802.3u, IEEE802.3x,IEEE802.ab
	Switching Capacity	7.6Gbps
	Packet buffer memory	1Mbits
	Throughput	5.6544Mbps
	MAC Table	2K
	Paket Forwarding Rate	10Mbps:14880pps/port 100Mbps:148800pps/port 1000Mbps:1488000pps/port
Power Over Ethernet	PoE Standard	IEEE 802.3af/at
	PoE Power Supply	End-Span(1/2+;3/6-)
	PoE Power	af=15.4W,at=30W
RJ45 port	Port Function	Power priority mechanism, fast and forward, MAC automatic learning and aging IEEE802.3X Full-duplex and mode and backpressure for Half-duplex mode
LED Indicator	LED Indicator	LINK/ACT.100Mbps;PoE Status Indicator; Power indicator;Extender
Environmental	Working temperature	0℃~55℃
	Relative Humidity	20~95%
	Storage temperature	-20℃~70℃
Mechanical	Dimension (L×W×H)	440mm*285mm*55mm
	Color	Black
	Weight	4.2Kg

6. Order Information

Part No	Description of product	Unit
ND1P1603FGX	19 ports switch with 16*10/100M bit PoE ports,2*10/100/1000M Uplink Port and 1*SFP combo,PoE Standard: IEEE 802.3af,PoE data & power transmission distance 100meters(100Mbps),250meters(10Mbps)	pc

