DUXNET

PRODUCT DATASHEET

PoE INJECTOR

DUXPOE90X



Multi-Gigabit (10GB) PoE++ Injector 90W

OVERVIEW

DUXPOE90X is a single port mid span product, which provides a compact, cost-effective and fully IEEE 802.3af/at/bt compliant solution for base station equipment, high-speed 10G network equipment, wireless LAN (WAN) access points, IP security cameras, VOIP phones and other low port density installations.

DUXPOE90X mid span eliminates the need for external power and its associated AC / DC power cables, providing a compact, economical, safe and reliable power solution on top of the existing Ethernet infrastructure.

MAIN FEATURES

- Full IEEE 802.3af, IEEE 802.3at,IEEE802.3bt Compliant
- Up to90W of Power on 4-pairs
- Auto-detect of POE IEEE 802.3af ,IEEE802.3at , IEEE802.3at equipment
- Supports 10/100/1G/2.5G/5G/10G, applications
- LED indicators power input indication
- Distance up to 100 meters (10/100/1G/2.5G); 90 meters (5G); 30 meters (10G)
- Internal AC/DC converter – no need for external power brick
- Easy plug-and-play installation
- Surge protection
- EMI standards complies with FCC, CE class B

Model Name	DUXPOE90X

PoE INJECTOR

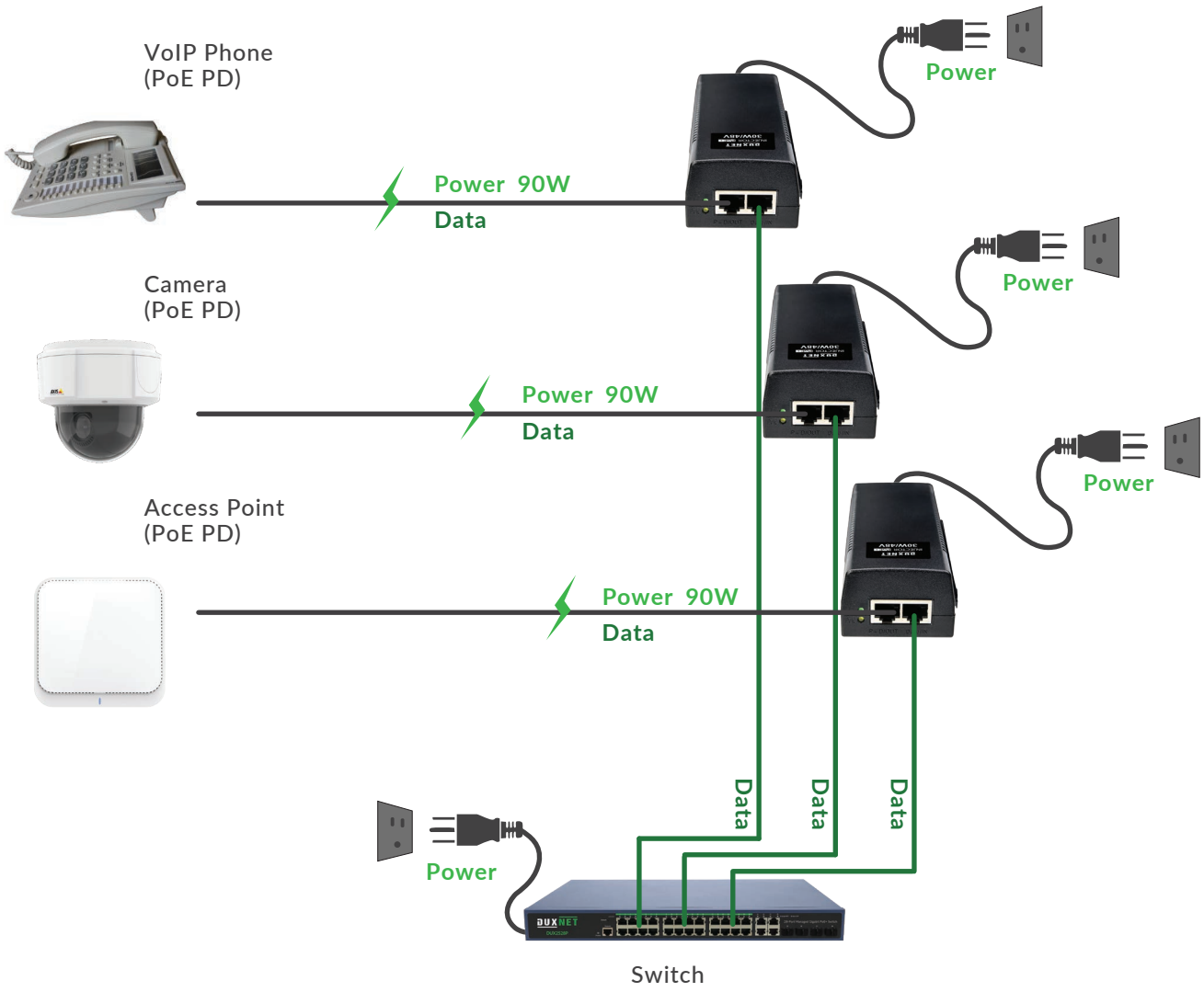


Pass Through Data Rates	10/100/1G/2.5/5G/10G
Connectors	Shielded RJ-45, EIA 568A and 568B
Distance	10M/100M/1G/2.5G Max 100 meters
	5G Max 90 meters
	10G Max 30 meters
Reliability	MTBF: 100,000 hrs. @25°C
Regulatory Compliance	IEEE 802.3af (PoE), IEEE 802.3at (PoE+),
	IEEE 802.3at bt
	RoHS Compliant, CE, FCC
Electromagnetic Emission & Immunity	FCC Part15, Class B
	EN 55022 Class B (Emissions)
	EN 55024 (Immunity), VCCI
Power over Ethernet Output	
Pin Assignment and Polarity	3/6 (-), 1/2 (+) 7/8 (-), 4/5 (+)
Output Power Voltage	52Vdc
Power	90W MAX
Input Power Requirements	
AC Input Voltage	100 to 240 Vac
AC Input Current	1.2 A 100-240 Vac
AC Frequency	50 to 60 Hz
Physical Specifications	
Dimensions (LxWxH)	114mmx47mmx32mm
Indicators	
System Indicator	114mmx47mmx32mm
Weight	500g

Environmental Conditions	
Operating Ambient Temperature	-10 to 45°C
Operating Humidity	Maximum 90%, Non-condensing
Storage Temperature	-20 to 70°C
Storage Humidity	Maximum 95%, Non-condensing

Surge Protection	
AC port	6kV
RJ45 port	4kV

APPLICATION



GO GREEN ECO FRIENDLY WITH DUXBURY

Free Telephonic Support

Limited Lifetime Warranty