

## High Tech Talk

### PoE Technology – 30W High Power

We provide 30W High Power PoE switch - JetNet 4706 is in compliance with IEEE802.3af Power over Ethernet standard and also provides 30W PoE High power forwarding ability.

The control mode supports IEEE802.3af standard, Manual and Ultra mode for 30W Hi-power. The maximum deliver power on each PoE port is 12.915W@DC 24V input ~30W @ DC55V input with

0.615A current.

About PD classification detection, class ID 0~3 follow IEEE802.3af standard, and 30W High power deliver procedures for class ID 4.

In fact, 30W High Power is our exclusive patent, JetNet PoE switch series not only deliver 15.4W by CAT-5 cable but also 30W high power, it is unquestionably the best technology innovation.

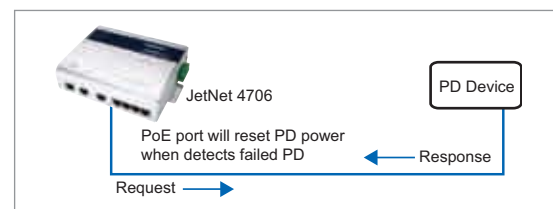
### 24V / 48V Dual Mode PoE System

To apply in a non-standard power source system, JetNet 4706 is equipped with dual mode PoE powering mechanism, which detects input power voltage and executes detection, classification,

powering and disconnection processes. This feature is very suitable for Transit System with DC24V power system, or any application without DC48V power source.

### Smart PD Status Detection Function - LPLD

The Link Partner Line Detect function (LPLD) is available on PoE port only and provides a period of automatic detect function for PD status. If the PD is failed or not responding to PoE Switch, JetNet PoE Switch would turn off then turn on the PoE power to emulate PD reset function. The LPLD function saves time to maintain and make PoE PD more reliable.



### Weekly Scheduling PoE Power Control

Each PoE port would be active and power with different schedule control, it is an UPS-like scheduling control for PoE power delivery and it provides an user-friendly weekly scheduling control by hourly basis. Each port can be configured with different rules. This feature can also save the power and meets economic resource management requirement.

