

# Telecommunication Applications

Y.S. TECH has applied our expertise in fan design to produce a line of high output fans well suited for Telecom applications(System Chassis, Fast Ethernet Switch, Service Gateway, VoIP Product, Network Storage System(NAS) and Server system). Serving the Telecom markets of Asia, Europe, and North America we have a broad understanding of the needs of our global market. Y.S. TECH's Xtreme Series is a line of fans that have been designed with a unique flow pattern that has overcome the low pressure boundaries that traditional axial fans have. The stationary and dual rotor products made by Y.S. TECH have high torque motors, more robust bearing systems and internal motor structure that will provide the high end performance and reliability for applications with high impedance. Sound quality is always a concern too and we can offer many options to better manage and achieve those goals



Rack-Mount Fan Tray



Reverse-Blade Design utilize different blade direction to exhaust air out for more reliability and safety when fan mounted on the top of chassis.

System Chassis Solutions

# Advantages

- **High Operating Voltage:**
  - Max. Operating Voltage 75VDC for 48VDC Rated.
  - Max. Operating Voltage 40VDC for 24VDC Rated.
- **High Vcc input for control signal design by open collector circuit.**
- **Multi-Function motor control**
  - Thermostat control(NTC)
  - PWM with NTC Hybrid Control
  - Pulse Width Modulation control(PWM)
  - Customized design by program
- **Reversed Blade design for more reliable( To ensure fan running on a right direction and improve life, especially for chassis cooling application. )**
- **Water/Dust Proof**
- **Customized Fan-Tray design and CFD analysis service( To reduce Consonance, Vibration, and Reversed Electromotive Force. )**
- **High Quality and Reliability**
  - Surge Voltage & Overload Current protection
  - Soft Start up & Hot Swappable support
  - Redundancy Protection Design
  - Sustained rotating system and mechanical design
- **Customized design service for total thermal solutions and analysis**



Fast Ethernet Switch



Rack-Mount Ups Systems



1U 13U Network Storage and Server Systems