

AI BT-6002FE/GE Series Features

Gigabit 8 Port POE Switch with SFP port 8 Port Gigabit PoE PoE+ switch L2 Ethernet Network



- ▶ IEEE 802.3af power on up to 8 ports
- ▶ Supply power to wireless access points and surveillance cameras over Cat cable
- ▶ 8 x 10/100/1000Mbps Ports with Auto Uplink
- ▶ Supports PoE power up to 15.4W for each PoE port
- ▶ Supports PoE IEEE 802.3af compliant PDs
- ▶ Supports IEEE 802.3x flow control for Full-duplex Mode and back-pressure for Half-duplex Mode
- ▶ 4K entry MAC address table of the PoE Switch with auto-learning and auto-aging
- ▶ LED indicators for monitoring power, link, activity and speed
- ▶ External power adapter supply



INTRODUCTION

Acumen Technologies' AI BT-6002FE series is a PoE Switch, it support 4-24* Gigabit POE Ports + 4 * Gigabit Combo ports +1*Console port. These converters are classified as power source equipment (PSE), and when used in this way provide up to 15.4 watts IEEE802.3af & 30 watts to IEEE802.3at compliant powered devices (PD), eliminating the need for additional wiring. It support CE, FCC ROHS standard, adopt industry standard design, IP30 protection, rugged high-strength metal case, power supply input (DC48-55V), -20 to 55°C working temperature. The converters support IEEE802.3/IEEE802.3u/IEEE802.3x with 10/100M, full/half-duplex, and MDI/MDI-X auto-sensing, providing a complete solution for your Ethernet network.

Application

- ▶ HD monitor transmission and power supply
- ▶ Network telephone transmission, intelligent house and home system
- ▶ Intelligent transportation supervisory system (ITS)
- ▶ High-speed Way supervisory/Tele-Communication System
- ▶ Security protection system, TV medical treatment
- ▶ Long-distance Multi-media Schooling, Campus monitoring
- ▶ Long-distance broadcast television transmission system
- ▶ High-building Security Protection, Military Tele-Com projects

SPECIFICATIONS

Product Name	8 PoE Ports and 2 SFP uplink
Product Model	AI BT-6002FE series
Interface	8x 10/100/1000M POE ports (8PoE ports+2 SFP Uplink)
Network Media	10Base-T: 2pair Cat 3 or more UTP/STP(≤150m) 100Base-TX: 2pair Cat 5 or more UTP/STP(≤150m) 1000Base-T: 4pair Cat 5 or more UTP/STP(≤100m)
Network Protocols	IEEE 802.3i 10BASET; IEEE 802.3u 100BASETX; IEEE 802.3x Flow Control; IEEE 802.1af DTE Power via MDI; IEEE 802.3af, IEEE 802.3ab 1000BASE-T
Performance specification	Backplane bandwidth: 16Gbps (non-blocking) MTBF 100,000 hours Forwarding Mode Store-And-Forward MAC address table: 8K
LED Display	Power, UTP working status, PoE working status
Power Supply	Power input: AC100-240V 50/60Hz
PoE Ports	Store Port 1-8 support POE Forward
PoE Port Power	15.4W for each POE port
PoE Standard	IEEE 802.3af
PoE Feature	All ports support MDI/MDIX / POE Lines End-Span(12+,36-)
Working temperature	Operating Temperature: 0 ° ~ 55 ° C; Storage Temperature: -20 ° ~ 75 ° C; Operating Humidity10% ~ 95%, non-condensing
Certification	CE Mark ,commercial; CE/LVD EN60950, RoHS
Radiation	CE mark, commercial; FCC Part 15 Class B; VCCI Class B; EN 55022 (CISPR 22), Class B
Transmission Distance	Data transmission distance: 100m
Power Adapter	60W(48V/1.25A)
Product Size	225mm*186mm*65mm /0.68KG
Warranty	3 years warranty

Ordering Information

POE Switch 10/100Mbps IEEE802.3AF, 15.4W per port, 48~57V

- ▶ BT-6101FE-25 1POE+1Fiber,10/100Mbps, Dual Fiber,1310nm,25km, SC
- ▶ BT-6101FE-25A 1POE+1Fiber,10/100Mbps, Single Fiber, 1310/1550nm,25km, SC
- ▶ BT-6005FE 4POE+1UTP,10/100Mbps
- ▶ BT-6104FE-25 4POE+1Fiber,10/100Mbps, Dual Fiber,1310nm,25km, SC
- ▶ BT-6104FE-25A 4POE+1Fiber,10/100Mbps, Single Fiber, 1310/1550nm,25km, SC
- ▶ BT-6108FE-25 8POE+1Fiber,10/100Mbps, Dual Fiber,1310nm,25km, SC
- ▶ BT-6108FE-25A 8POE+1Fiber,10/100Mbps, Single Fiber, 1310/1550nm,25km, SC
- ▶ BT-6218FE-GESFP 16 10/100Mbps POE+2 1000M UTP+2 1000M SFP(Combo)
- ▶ BT-6226FE-GESFP 24 10/100Mbps POE+2 1000M UTP+2 1000M Fiber SFP(Combo)

POE Switch 10/100Mbps IEEE802.3AF, 15.4W per port, 48~57V

- ▶ BT-6002GE 1POE+1UTP,10/100/1000Mbps
- ▶ BT-6101GE-20 1POE+1Fiber,10/100/1000Mbps, Dual Fiber,1310nm,20km, SC
- ▶ BT-6101GE-20A 1POE+1Fiber,10/100/1000Mbps, Single Fiber, 1310/1550nm,20km, SC
- ▶ BT-6005GE 4POE+1UTP,10/100/1000Mbps
- ▶ BT-6104GE-20 4POE+1Fiber,10/100/1000Mbps, Dual Fiber,1310nm,20km, SC
- ▶ BT-6104GE-20A 4POE+1Fiber,10/100/1000Mbps, Single Fiber, 1310/1550nm,20km, SC
- ▶ BT-6009GE 8POE+1UTP,10/100/1000Mbps
- ▶ BT-6108GE-20 8POE+1Fiber,10/100/1000Mbps, Dual Fiber,1310nm,20km, SC
- ▶ BT-6108GE-20A 8POE+1Fiber,10/100/1000Mbps, Single Fiber, 1310/1550nm,20km, SC
- ▶ BT-6010GE-SFP 8POE+2SFP,10/100/1000Mbps
- ▶ BT-6218GE-SFP 16POE+2UTP+2SFP(Combo),10/100/1000Mbps
- ▶ BT-6226GE-SFP 24POE+2UTP+2SFP(Combo),10/100/1000Mbps