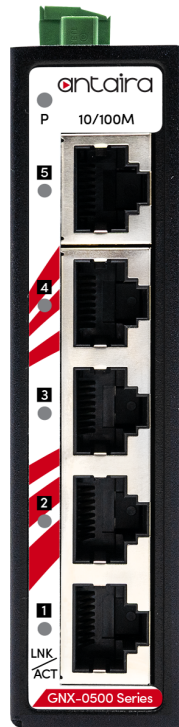


GNX-0500(-T)

5-PORT 100M UNMANAGED ETHERNET SWITCH



FEATURES

- 5*10/100 RJ45
- Compact Form Factor
- DIN-Rail or Wall Mountable
- Standard Operating Temperature: -10°C to 70°C
- Extended Operating Temperature (-T): -40°C to 75°C
- TAA / NDAA Compliant
- 5-Year Warranty



INTRODUCTION

Antaira Technologies' GNX-0500 is an ultra-compact, rugged industrial 5-port 10/100Mbps Ethernet switch designed for reliable performance in demanding environments. Featuring a slim, space-saving housing and wide-range VDC power input, the GNX-0500 is well suited for hazardous industrial sites, centralized control stations, and other space-constrained installations. Its compact form factor makes it an ideal solution for industrial automation, IP surveillance, traffic monitoring, security, transportation, telecom, and a wide range of other industrial networking applications.

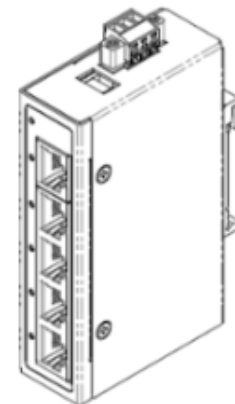
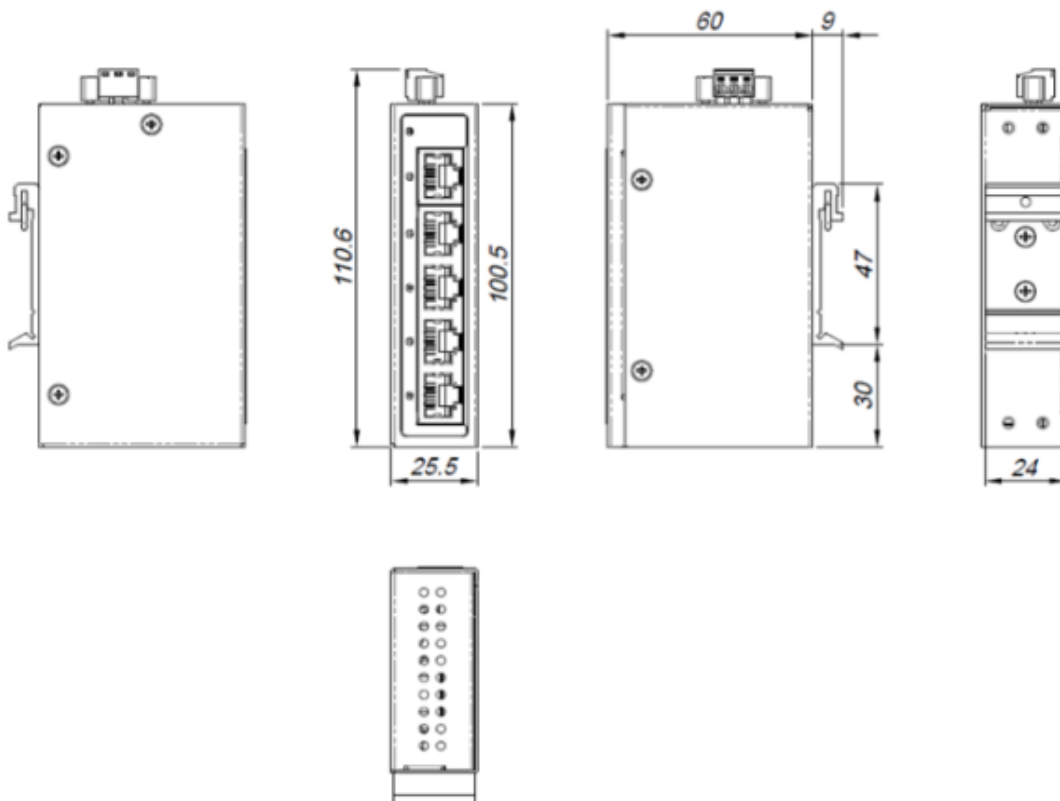
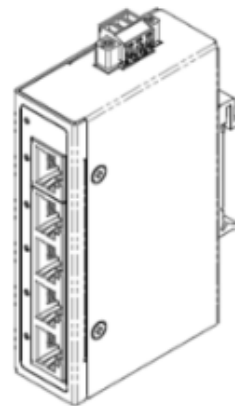
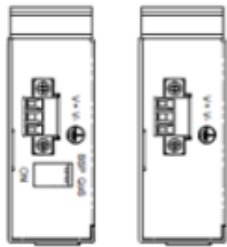
SPECIFICATIONS

Hardware Specifications

Part Number	Total Ports	RJ45 100M	Power Consumption	Power Input	Operating Temperature
GNX-0500 GNX-0500-T	5	5	1.232W @48VDC full load	9.6-60VDC	STD: -10°C to 70°C (14 to 158°F) (-T): -40 to 75°C (-40 to 167°F)

Physical Specifications

Part Number	Dimensions (W x H x D)	Weight (Unit)	Weight (Shipping)	Housing	Mounting
GNX-0500 GNX-0500-T	25.5 x 100.5 x 60mm 1.0 x 3.96 x 2.36in	0.23kg 0.50lb	0.29kg 0.65lb	Metal, IP30	DIN-Rail, Wall Mount



Standards

Part Number	IEEE Standards
GNX-0500 GNX-0500-T	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3x Flow Control and Back Pressure IEEE 802.1p Class of Service

Switch Properties

Switch Architecture	Back-plane (Switching Fabric): 1Gbps
Data Processing	Store and Forward
Flow Control	IEEE 802.3x Flow Control and Back Pressure

MAC Address Table Size	1K
Packet Buffer Size	448Kbits
Network Connector	5*RJ45 10/100BaseT(X) auto negotiation, Auto MDI/MDI-X function, Full/Half duplex
Network Cable	UTP/STP Cat.5e or above cable EIA/TIA-568 (100m)
Protocol	CSMA/CD
LED	PWR, RJ45 Port: LNK/ACT
DIP Switch	Broadcast Storm Protection (BSP) and Quality of Service (QoS)
Reverse Polarity Protection	Present
Overload Current Protection	Present
Removable Terminal Block	3-Pin Terminal block Wire range: 1.5mm ² Solid wire (AWG): 16~28 Stranded wire (AWG): 16~28 Torque: 3lb-In/0.2Nm Wire strip length: 6~7mm

Compliance Specifications

Safety	MET (Complies with UL 62368-1) LVD (EN 62368-1)
EMC	CE (EN 55032 / EN 55035), FCC
EMI	FCC Part 15 Subpart B Class A
EMS	IEC 61000-4-2 ESD: Contact: 6KV; Air: 8KV IEC 61000-4-4 EFT: Power: 2KV; Signal: 2KV IEC 61000-4-5 Surge: Power: 2KV; Signal: 2KV
Vibration	EN 60068-2-6
Shock	EN 60068-2-27
Free Fall	EN 60068-2-31
Storage Temperature	-40 to 85°C (-40 to 185°F)
Ambient Relative Humidity	5% to 95%, (non-condensing)
Country of Origin	Made in Taiwan, TAA/NDAA Compliant
Warranty	5 Years

Mean Time Between Failure (MTBF)

GNX-0500	576,695.5257 hrs.
GNX-0500-T	576,695.5257 hrs.

ORDERING INFORMATION

Switch Models	
Part Number	Description
GNX-0500	5-Port 10/100Tx Industrial Unmanaged Ethernet Switch
GNX-0500-T	5-Port 10/100Tx Industrial Unmanaged Ethernet Switch; EOT: -40~75°C

© Antaira Technologies, LLC. All rights reserved. 202606
Specifications are subject to change without notice and without incurring any obligation.