



AT-TN7100 SERIES

Multiservice Access Platform

AT-TN7101

Multiservice access platform with 48 ADSL ports (without POTS splitters)

AT-TN7102

Multiservice access platform with 24 ADSL ports (with POTS splitters)

THE AT-TN7100: THE TRIPLE PLAY SOLUTION

The AT-TN7100 delivers high-quality voice, tiered IP/Ethernet data services, and broadcast-quality video over existing copper lines. As the newest member of Allied Telesyn's TN7000 series of Multiservice Access Platforms, the AT-TN7100— together with Triple Play—helps carriers grow revenue and enhance subscriber loyalty.

The Allied Telesyn TN7100 features three card slots and an environmentally hardened structure designed for installation in remote enclosures where reliability is critical.

DELIVERING QOS AND SECURITY

The Allied Telesyn TN7100 employs industry standard ADSL/ ADSL+. The AT-TN7100 makes efficient use of network bandwidth by employing IGMP Snooping to limit broadcast video-streaming to those channels being watched. The platform also prevents channel theft with advanced subscriber filtering capabilities.

Quality of Service implemented with 802.1p priority bits four classes of service, and Layer 3+ classification work together to eliminate jitter and network delay, and to ensure that video and voice receive network priority.

EASY TO MANAGE

The AT-TN7100 is available in two configurations: 24 ports with integral POTS splitters and 48 ports without POTS splitters. Also, subtending capabilities built into the AT-TN7100 make it easy to add capacity.

The AT-TN7100 and all the members of Allied Telesyn's TN7000 series can be managed remotely and provisioned through the Allied Telesyn Network Management System (NMS), eliminating the need for on-site service. Additionally, all network and local management interfaces are located on the front panel for easy maintenance access.

KEY FEATURES

Designed for Triple Play services:

- Based on IP/Ethernet
- Industry-standard ADSL, upgradeable to ADSL+
- Rapid Spanning Tree
- IGMP for multicast video
- Quality of Service support
- Subscriber filtering and security

Carrier class:

- Environmentally hardened
- Compact, one RU tall design
- Up to 48 ports
- Integral POTS splitters available
- Centrally managed

AT-TN7100 SERIES

Multiservice Access Platform

SERVICES

ADSL 10, 12, 24Mbps

UPLINKS

2 100BT Ethernet
2 Gigabit Ethernet

QOS

Wirespeed QoS per port
4 Classes of Service
802.1p marking
Classification by TOS
Support for 256 VLANs

SUBSCRIBER SECURITY

Subscriber filtering
RFC 3046, DHCP Relay for IP management

OAM&P

Auto-Provisioning
Management via CLI, SNMP
In-band and out of band network management with Telesyn NMS

POWER CHARACTERISTICS

Power Dual -48vDC, -36vDC to -57.7vDC

ENVIRONMENTAL SPECIFICATIONS

Operating Temp. -40°C (-40°F) to 65°C (149°F)
Non-operating Temp. -40°C (-40°F) to 85°C (185°F)
Relative Humidity 5% to 85%, non-condensing

PHYSICAL CHARACTERISTICS

Height 4.4cm (1.75")
Width 44cm (17.375")
Depth 30cm (11.8")
Weight 4kg (8.8lbs), fully loaded
Single Rack Unit
Full front access

STANDARDS

IEEE
802.1d Spanning Tree
802.1w Rapid Spanning Tree
802.1q 256 VLAN Support
802.1p Traffic Class Expediting
IETF
RFC 1112 IP Multicasting / IGMP Snooping

REGULATORY APPROVALS

NEBS Level 3-Compliant GR-1089, GR-63
Safety UL 1950
EMC FCC Part 15 Class A

ORDERING INFORMATION

AT-TN7101

Multiservice access platform with
48 ADSL ports (without POTS splitters)

AT-TN7102

Multiservice access platform with
24 ADSL ports (with POTS splitters)

ABOUT ALLIED TELESYN

Allied Telesyn was founded in 1987 with the goal of producing reliable, standards-based networking products. Focused on Ethernet/IP solutions geared to applications, Allied Telesyn offers access-edge products like switches, fiber/copper MAPs, and CPE. We're also a leading global manufacturer of media converters, unmanaged switches, and NICs. Our customer-driven approach has made Allied Telesyn the ideal choice for IT professionals looking for high-quality, feature-rich network solutions at a lower price. Allied Telesyn – It's Our Network, Too.

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