

## 19-Slot Chassis for ION Slide-in Modules



The ION219 is an intelligent, high-density, multi-protocol system supporting a variety of network interface devices. Designed for both carrier class and enterprise network applications where multiple points of fiber integration and secure network management of the fiber interface devices is essential. An end-to-end fiber integration solution can be achieved by pairing the modules in a high density ION chassis with the

modules in another ION chassis, or a Transition Networks' stand-alone device. To take full advantage of all the features and functions available with the ION Chassis, an ION Management Module is required. The ION Management Module connects to the chassis backplane and communicates with the individual cards in the ION Chassis. Each slide-in module for the ION Chassis has specific features and functions that are controlled via the ION Management Module. A network administrator can configure, monitor and troubleshoot ION slide-in modules remotely via the ION Management Module.

Transition Networks understands that no network is managed in the same manner and that different security levels and management interfaces are often required depending on the deployment of the ION Chassis. With that in mind, the ION Platform has been designed to be one of the most versatile and secure fiber integration systems available today.

### Security Features

When the optional management module is used, the following security features are available, allowing you to control access to the ION Chassis via the ION Management Module, ensuring that only authorized personnel are able to view and change the settings to the slide-in modules.

- Management VLAN
- SSL
- SSH
- IEEE 802.1X
- SNMPv1 & V2c, +V3

### Management Features

- Variety of management access methods including; telnet, web, SNMP
- Single slot management module design allows for more slide-in modules to be inserted in the ION Chassis
- Management VLAN
- Based on Public MIBs
- (2) 10/100 Ethernet interfaces
- USB console port
- TFTP upgrade/backup of slide-in modules
- Import/Export configuration files in human readable/editable format
- Multiple community strings

### Specifications

Slots	(19) Slots in front for ION slide-in modules (2) Slots in rear for power supply modules
Status LEDs	Power On LED for each installed power supply module
Dimensions	Width: 17" [430 mm] Depth: 15.8" [401 mm] Height: 3.5" [89 mm]
Power Consumption	Up to 150 watts
Power Input	*Two open bays for ION power supply modules supporting: AC: 100 - 240VAC DC: -48VDC
Power Output	12VDC rated at 200 Watts (max)
Environment	Operating: 0°C to 50°C Humidity: 5% to 95% (non-condensing) Altitude: 0 – 10,000 ft.
Weight	19 lbs. [8.6 kg]
MTBF	ION219-A: Greater than 23,570 Hours (MIL-HDBK-217F) Greater than 64,800 Hours (Bellcore)  ION219-D: Greater than 42,900 Hours (MIL-HDBK-217F) Greater than 118,000 Hours (Bellcore)
Certifications	UL listed, EN55022, EN55024, CE Mark, FCC Class A, CISPR Class A
Warranty	Lifetime

\*Note: Power supply module supplies +12 VDC maximum to each slot in the chassis. Only one power supply module is required to power the chassis and the installed modules, the optional second power supply module provides redundancy for instant fail-over.

#### Power Cord Included

To order the corresponding country specific power cord, add the extension from the list below to the end of the SKU; Ex: ION219-A-NA  
Note: Only for ION219-A and ION219-AAMB

#### -NA = Country Code

-NA = North America, -LA = Latin America, -EU = Europe, -UK = United Kingdom, -SA = South Africa, -JP = Japan, -OZ = Australia, -BR = Brazil

### Ordering Information

#### ION219-A

19-Slot Chassis for the ION Platform with (1) AC Power Supply

#### ION219-D

19-Slot Chassis for the ION Platform with (1) DC Power Supply

#### ION219-AAMB

19-Slot Chassis for the ION Platform with (2) AC power supplies and (1) ION Management Module

#### Optional Accessories

#### IONPS-A-R1

ION Power Supply Module  
Universal Input 100 - 240 VAC

#### IONPS-D-R1

-48 VDC Power Supply Module

#### IONMM

ION Management Module

#### IONFP

ION Face Plate (required for all empty slots)  
(10 face plates included with the ION219)

#### WMBC-2RU

Wall mount brackets for 2RU Chassis

#### IONRE-23

ION 23" Rack Mount Ears for ION 19-Slot Chassis (19" ears included with the ION219)

### Access Method

- Web-browser: Access the ION Management Module using a standard web browser
- Command Line Interface (CLI): CLI access can be done via telnet remotely or via the local console port on the ION Management Module
- SNMP: Since the ION platform is based on public MIBs you can easily manage the ION with a standard network management system (NMS) such as SNMPc, HPOV or any other standard SNMP platform
- Focal Point: Transition Networks offers a free SNMP graphical user interface (GUI) software for management purposes. Focal Point offers full read and read/write capabilities in a user friendly GUI