

DESCRIPTION

The Orion™ Video Input Module (VIM) provides one video input port, a bi-directional data port, and two contact closure inputs for alarm events. The Video Input Module is typically placed at nodes distributed throughout the network. One or several Video Input Modules are placed at each node location where video, data, and contact closure signals can be inserted onto the network. The signal inputs of each Video Input Module can be remotely switched via the network management system to one or more Video Output Modules located anywhere within the network.



The video signal is compressed using industry-standard MPEG-2 compression and is transmitted to one or more Video Output Modules (VOM) on the network. The video input module has a general purpose data channel that supports RS232, RS422, RS485, 2 and 4 wire full duplex communication. The data channel can be configured as a general broadcast channel or an individual data channel. The maximum data rate is 57.6 Kbps.

FEATURES

- MPEG-2 Video Technology
 - DVD Picture Quality
 - Directly Compatible with All NTSC, PAL, CCTV Camera Systems
 - Exceeds NEMA TS-1/TS-2 and Caltrans Traffic Signal Control Equipment Environmental Specifications for Operating Temperature, Shock, Vibration, Humidity and Voltage Transient Protection
 - NTCIP Compatible
 - Hot Swappable
 - LED Status Indicators
 - Power-Up Diagnostics
 - Comprehensive Lifetime Warranty
 - Must Consult Factory for System Configuration
- Available at:**
www.ifs
- A & E Specifications
 - AutoCAD Drawing
 - Operation Manual

Available at: **www.ifs.com**

- A & E Specifications, (CSI)
- AutoCAD Drawings
- Operation Manuals
- Technical Bulletins

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
VT1NET	Video Input Module with bi-directional data and 2 contact closure inputs

SPECIFICATIONS

VIDEO

Video Input: 1 Vp-p, 75-ohms
Video Format: NTSC, PAL

DATA

Data Interface: RS-232, RS-422, RS-485
(2 or 4 wire), Tri-State, Full Duplex,
Manchester, Bi-Phase
Data Rate: 57.6 Kbps

CONTACT CLOSURE

Contacts: 2
Type: Normally Open

LED STATUS INDICATORS

Indicators: Video Presence, Data In/Out,
Data Jabber Detect, Contact Status,
Data Mode, Power

CONNECTORS

Optical: Type ST
Data and
Contact Closure: Terminal Block with Screw Clamps

ELECTRICAL & MECHANICAL

Power: From Rack
Number of Rack Slots: 1
Current Protection: Automatic Resettable Solid-State Current Limiters
Circuit Board: Meets IPC Standard
Size (in./cm.) (LxWxH) 10.45 x 7.8 x 1.0
26.54 x 19.8 x 2.54 cm

ENVIRONMENTAL

MTBF: >100,000 hours
Operating temp: -40° C to +74° C, ambient*
Storage Temp: -40° C to +85° C, ambient
* Free air environment

AGENCY COMPLIANCE

FCC PART 15 COMPLIANT **CE** **GSA**
Federal Supply Schedule
Contract No. GS-07F-0049M

MADE IN THE USA

Complies with FDA Performance Standard for Laser Products,
Title 21, Code of Federal Regulations, Subchapter J

