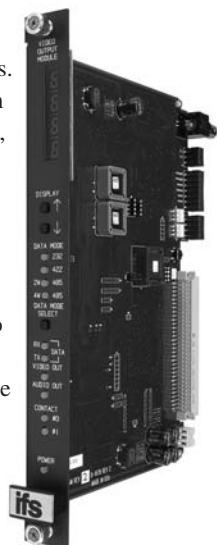# ifs

PRODUCT SPECIFICATION
2 CHANNEL VIDEO OUTPUT MODULE

ORION™ VR2NET

DESCRIPTION

The Orion™ Video Output Module (VOM) provides two video output ports. Two video signals can be dropped from the Orion™ network using one module, making the VR2NET a cost effective solution. The VOMs are typically installed at the head-end or central video monitoring location of the network. The VOMs can select via the network management system any video inserted anywhere on the network. Additionally, one or more VOMs can be located at any other nodes throughout the network, permitting video to be dropped to additional locations within the network for further remote video monitoring and/or control. The video output module converts the MPEG-2 digital video information to a PAL or NTSC signal.

FEATURES

• MPEG-2 Video Technology

• DVD Picture Quality

• Exceeds NEMA TS-1/TS-2 and Caltrans Traffic Signal Control Equipment Environmental Specifications for Operating Temperature, Shock, Vibration, Humidity and Voltage transient protection.

• Hot Swappable

• LED Status Indicators

• Power-Up Diagnostics

• Comprehensive Lifetime Warranty

Available at: www.ifs.com

• A & E Specifications,(CSI)
• Technical Bulletins
• Operation Manuals
• Connect Drawings

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
VR2NET	2 Channel Video Output Modules

SPECIFICATIONS

VIDEO
Video Output: 1 Vp-p, 75-ohms
Video Format: NTSC, PAL
Latency: <0.325 Seconds
# of Output Channels: 2

LED STATUS INDICATORS
Indicators: Video Presence, Power

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: -10° C to +74° C, ambient*
Storage Temp: -40° C to +85° C, ambient

Free air environment

Terminal A

ORION™ NODE

2 fibers for self-healing ring network redundancy.

Terminal C

ORION™ NODE

Card Reader

Host

Door Contact Closure

Host

Card Reader

Door Contact Closure

Terminal B

Card Reader

Host

ORION™ NODE

AIRPORT CONTROL CENTER

ORION™ MASTER NODE

Video Input Bay

Video Output Bay

Video Matrix Switcher

Central Control Management for Entire Network (From CCTV Camera Manufacturer)

Door Contact Closure

Due to our continued effort to advance technology, product specifications are subject to change without notice.