ZoneVu ZVS MSI-48 Integration Module

DIGITAL-IP ✘   ANALOGUE ✔   HYBRID ✔

ZoneVu®
INTEGRATED VIDEO SYSTEMS

Features

Integrates with most popular dome and camera protocols
Makes automatic event management a reality
Provides multi-channel serial integration
Synchronise VCR, DVR ETC time and date across the entire system
RS232, RS422 and RS485 serial interfaces
Extensive OEM Embedded Firmware Driver library
1U 19-inch slim-line enclosure
Independent front-panel serial channel status LED's
Compatible with the ZoneVu product range and FUSION software
Allows operators to quickly access recordings with changing desk
Makes bringing together disparate systems simple
Total integration eliminates multiple keyboards and keypads on your desktop

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Product Overview

A primary requirement for today's CCTV systems is Integration which is typically defined as being able to operate and control disparate products from a single user interface. The list of disparate products is often extensive but can be generally categorised as follows: Domes, OEM telemetry Displays, DVR's, OEM alarm and concierge equipment, OEM Matrices, System clocks, Video transmission equipment.

Through integration new levels of system performance can be realised. Operators can work more efficiently. Instead of requiring a keyboard for each particular Dome or camera for instance, operator functionality is incorporated into the ZoneVu system keyboard. Automatic event management also becomes possible. Integration of alarms or time scheduling enable DVR's to be automatically instructed to record a particular camera which has itself been instructed to go to a preset by the system without any intervention from the operator.

The fundamental component in achieving 'system wide' integration is the serial integration module, the 'black box' that interfaces the various disparate products to the main control system. The ZoneVu name has long been synonymous with the 'term' Integration, and now, even more so than ever before with the arrival of the Series ZVS-MSI, the latest ZoneVu serial integration module to wear the 'badge'. The ZVS-MSI-48, is a half-duplex1 RS422 or RS485 multi-channel serial integration module with three independently configurable SIP's and an extensive library of OEM Embedded Firmware Drivers providing integration of Domes and OEM telemetry. In the control room the ZVS-MSI-23 delivers multi-channel integration in the form of three RS232 Serial Integration Ports or SIP's as they are commonly referred to. Full Duplex1 communication i available along with an extensive library of OEM Embedded Firmware Drivers to operate and control VCR's, DVR's and Multiplexers ETC. ZoneVu Series ZVS-MSI modules are fully scaleable products which can be configured on or off line using a standard PC and Meyertech's Mpower ZoneVu configuration software allowing back up and restore of all the settings.

1 Requires a ZoneVu Site Controller to be present in the system for full-duplex and half duplex operation. If no Site Controller is present the ZVS-MSI operates in simplex mode.

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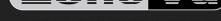SECURITY with VISION

Specification

Enclosure - Fully enclosed Euro rack. Colour Black-

Dimensions - 19" rack by 1U by 142mm

Weight - 660g

Power (External PSU - supplied) - 99 to 264VAC 50Hz (ZVS-MSI direct +12VDC)

Power Consumption - Less than 6W

Temperature - Storage −20ºC to +60ºC Operational 0ºC to +50ºC Humidity 10% to 95% non-condensing

ZoneVu Network Port - RS485 full duplex

Serial Integration Ports (SIP's) - Three half duplex RS422 or RS485 ports

Configuration - Configurable via Mpower ZoneVu software configuration tool. PC required with RS232 port.

OEM Embedded Firmware Drivers - Pelco P, Panasonic, Sensormatic, Forward Vision, Coe, 360 Degree Vision.

Diagnostics / Status indicators - Power present LED, CPU heartbeat LED, ZoneVu port network LED's, SIP LED's

Connector-Power - Low voltage DC power connector

Connector-SIP ports - 9-way D type female

Connector-ZoneVu port - 2-part Klippon type 6-way

MTBF - 70,000 Hours

INTEGRATED VIDEO SYSTEMS

Ordering Information

ZVS-MSI-48 - ZoneVu RS422/485 half-duplex multi-channel serial integration module. Provides system expansion and integration of ZoneVu and OEM telemetry receivers and domes, 3 x independent RS422/485 integration ports, ZoneVu port, automatic event management, extensive embedded driver library, front panel diagnostic LED's, 1U 19-inch enclosure, requires 12VDC, PSU supplied.

ZVS-MSI-23 - As above but with RS232 Serial Integration Ports

ZVS-PSU - ZoneVu ZVS-MSI PSU. Input 99-264VAC 50-60Hz. Output 12VDC.

ZONEVU-ZSC-EDLL - ZoneVu ZSC-500, 1000 and ZVS-MSI Embedded Driver Licence. One required per module when purchasing a ZSC-500, 1000plus or ZVS-MSI product.

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