

ZoneVu ZVS TVNP3 Server

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Features

- Seamless integration
- Fusion-2 compatible
- Approved for connection to TFL and Met. Police networks
- Independent routing of video and data via multiple hops
- Route contention management



ZVS TVNP3 Server Integration Module

Product Overview

Meyertech's Television Network Protocol 3 Server (TVNP3) server provides a bi-directional protocol and data bridge from a ZoneVu based CCTV control room to the 3rd Party control networks. TVNP is an abbreviation of 'TeleVision Network Protocol' and is defined as "A set of layered protocols which, when implemented at a CCTV Control Centre, allows that Control Centre to connect to the CCTV Network." In more abstract terms, TVNP defines an interface that allows disparate CCTV systems to be connected together to form a single network. This network allows the sharing of resources (primarily Cameras) between systems. TVNP is an open (non-proprietary) protocol that was developed for and is owned by Transport for London (TFL).

The specification does not attempt to constrain the network topology in any way and allows for any Control Centre to connect to multiple neighbouring systems. Meyertech's TVNP3 server is a piece of equipment that implements Issue 3 of the TVNP protocol. It supports multiple physical connections onto the TVNP network, and constitutes a single Node of the network. It connects also to a standard ZoneVu control system, thereby integrating it into the TVNP network, and allowing cameras to be shared.



ZoneVu ZVS TVNP3 Server Specification

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Specification

Enclosure - Fully enclosed Euro rack. Colour - Black

Dimensions - 19" rack by 1U by 142mm

Weight - 10Kg

Power - 260W, 100-240V, 50-60Hz, 4 Amp Max

Operating System/Processor - Windows XP Professional/Intel Xeon 3050 2.13GHz

Operating Temperature - 10°C to 35°C

Operating Relative Humidity - 8% to 90% (non-condensing)

MTBF - 100,000 Hours

Connections - RS232 x 4 (1 x ZoneVu, 3 x TVNP), RJ45 LAN x 2 (Gigabit Ethernet), VGA, USB (2.0 Compliant) x 4 (2 front, 2 rear), PS/2 Mouse & Keyboard

TVNP Protocol - Issue 3

TVNP Protocols Implemented - Layer 1 (Full: RS232 and UDP/IP), Layer 2 (Full),

Layer 3 (Full, excluding confidence indicators), Layer 4 Video Routing Protocol (VRP-1) (Full),

Layer 4 Camera Control Protocol (CCP-1) (Full, as applicable to ZoneVu system), Layer 4

Network Management Protocol (NMP-2 v2.0) (Partial)

TVNP Data Connections - 6 (Direct), Unlimited (Indirect)



RoHS



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