

VT-104VWD

Transcendent 4-Channel High-Performance Video Wall Decoder for Seamless Multi-Screen Surveillance



KEY FEATURES

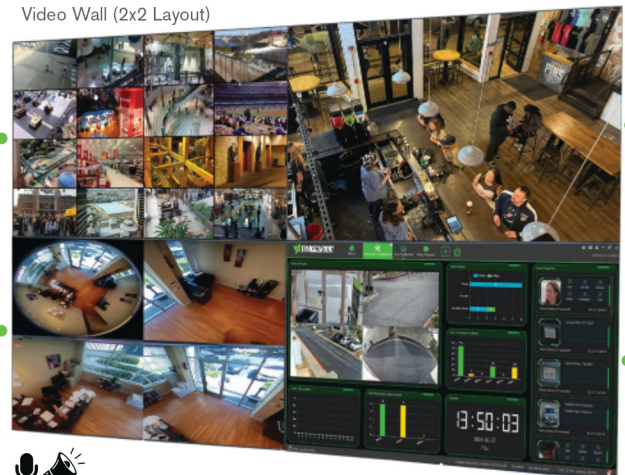
- **Designed for Video Walls & Security Operations Centers**
- **Remote Monitoring & Cloud Access:** Supports integration with cloud-based VMS and remote systems for centralized video management across multiple locations.
- **Supported Stream Inputs & Video Sources:**
 - Transcendent VMS, NVRs, DVRs, and IP Cameras by RTSP/RTP Protocol
 - ONVIF-compliant IP cameras
 - Direct **HDMI input** from compatible sources
- **Multiple Video Outputs:**
 - **4 HDMI Outputs** (HDMI 1 & 3 support 4K resolution)
 - **4 VGA Outputs & 4 BNC Outputs** (for legacy system compatibility)
- **Flexible Multi-Screen Arrangements:**
 - Supports **1/4/9/16/25/36 split-screen display layouts**
 - Screen tiling and multi-monitor synchronization, picture-in-picture, and roaming capabilities
 - Configurable **1x2, 2x1, 2x2 screen layouts** for video wall optimization
- **High-Performance Video Decoding:**
 - **8CH 8MP/5MP @ 30fps**
 - **16CH 4MP/3MP @ 30fps**
 - **32CH 1080P @ 30fps**
 - **64CH 720P @ 30fps**
 - **128CH D1 or lower @ 30fps**
- **H.265 / H.264 Compression** for bandwidth efficiency
- **Seamless Integration with VITEK Transcendent VMS & ONVIF-Compatible Systems**
- **Dual Gigabit Ethernet Ports** with Load Balancing & Hot Standby
- **1CH Audio Input, 4CH Audio Output, 1CH Two-Way Talkdown**
- **Advanced Alarm Integration:** 8 Alarm Inputs / 8 Alarm Outputs
- **Remote Management** via Web Client & HTTP API
- **3-Year Warranty**



VIDEO WALL DECODER FOR SEAMLESS MULTI-SCREEN VIDEO SURVEILLANCE

The VT-104VWD is a high-performance **4-channel professional video wall decoder** designed for **multi-screen video decoding and display**. Engineered for **video walls, security control rooms, and enterprise surveillance applications**, it supports **H.264/H.265** compression, multi-screen configurations, and seamless integration with **VITEK's Transcendent VMS** and with NVRs, DVRs, and IP cameras via ONVIF and RTSP protocols.

Video Wall (2x2 Layout)



HDMI / BNC / VGA Outputs

HDMI / BNC / VGA Outputs



VT-104VWD Decoder



Network Switch



HDMI Input



Alarm/Control Interface



NVR/DVR (local)

IP Cameras (local)

VMS Server (local)



Remote NVR/DVR Recorders



Remote Cloud VMS Server



Remote IP Cameras



Remote Hardware VMS Server



Internet

An Eye On Innovation

www.vitekccv.com



DETAILED SPECIFICATIONS

Video Compression	H.265 / H.264 (High Profile Mid-Profile, Base Profile)
Video Inputs	1 × HDMI (1920×1080, 1600×1200, etc.)
Video Outputs	4 × HDMI (2x 4K & 2x 1080P), 4 × VGA, 4 × BNC
Decoding Capability	8CH 8MP/5MP@30fps, 16CH 4MP/3MP, 32CH 1080P@30fps, 64CH 720P@30fps, 128CH D1 @30fps
Screen Display Modes	1/4/9/16/25/36
Screen Splicing Modes	1×2, 2×1, 2×2
Audio Input	1 CH
Audio Output	4 CH RCA, 1 CH Talkback (3.5mm Audio Interface)
Ethernet	Dual Gigabit Ethernet, Load Balancing & Hot Standby
Protocols	ONVIF, RTSP, RTP, SDK Private Protocol
Remote Access	Web Client, HTTP API Support
Alarm Inputs	8
Alarm Outputs	8
Serial Ports	1 × RS485, 1 × RS232
USB Ports	1 × USB3.0, 1 × USB2.0
Power Supply	DC12V
Power Consumption	40W
Operating Temperature	-4°F ~ 122°F (-20°C ~ 50°C)
Humidity	5% ~ 95% (Non-condensing)
Dimensions	11.81" × 1.77" × 9.80" (300mm × 45mm × 249mm)
Weight	2.69 lbs (1.22 kg)

VT-104VWD: Rear I/O Connections

