
2019

Product Book



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The Smart Data Group

VDMS-T-1 Hub

[Real-time AI Compress & Transr

01 Product Introduction

Real-time compress network streaming video data from IP camera(Onvif support) → Transmit to VMS, NVR or any other monitoring, recording device.

- Max. over 90% compress and transmit of real-time video data
- Compress & transmit **HDMI, SDI, IP Camera(Onvif)**
- Fast transmit & Portable size
- Improve transmit performance with narrow bandwidth and innovate storage space with high resolution IPC



02 Main Function



- Absolutely solve the problem of video data pause or delay with using high resolution IPC or large volume of IPCs!
- **Compress IP Camera, SDI, HDMI**
- Compress before transmit → Maximum benefit to SAVE COSTS of data, storage and cloud!

03 Application Area

04 Specification

Traffic CCTV
Police, Court,
Education use

Government
Office

Broad
cast

Service
Field

Broadcasting
station, Sports
broadcast

Hospital,
Casino

Finance

Security

Cloud center,
Finance
institution

Security
company,
Military

Product name	Video smart processor
Product model	VDMS-T series
Processor model	ARM
Storage port	Support hard disk storage (need to expand)
Input Power	DCV12V 2A
power	4W
Working temperature	-10℃~+65℃
Working humidity	10 ~ 85%
Processing capacity	1HDMI input, 2SDI input(1080p), 1h.264 input(1080p), 1HDMI output;
compression ratio	75%
Supported formats	Input video: HDMI SDI H.264 Output video: H.264, HDMI
Network protocol	HTTP, TCP/IP, UDP, DNS, SNTP, DHCP, FTP, SNMP, NTP, UPNP
Frame rate	1 - 25 f/sOptional
Time delay	<1s
External interfaces	communication interfaces 1100M/1000M adaptable ethernet interface 1USB 4RJ45 network interfaces
Support network	Support 4G、3G、CDMA、GPRS mobile network