

# VPort D351

## 1-channel MJPEG/MPEG4 industrial video decoder



- > Decode MJPEG and MPEG4 video streams to an analog video signal automatically
- > Manual selection or automatic scan with maximum of 64 video sources
- > 2-way (1-in/1-out) audio supported
- > Transparent PTZ control with legacy PTZ controller
- > SNMP for network management



### : Introduction

The VPort D351 is a 1-channel video decoder for decoding MPEG4/MJPEG video streams from VPort series video encoders (not including VPort 2110, VPort 2140, VPort 2310, VPort 2141, and VPort 3310) and VPort IP cameras back to analog video signals. The analog video signal can be sent to legacy CCTV devices, such as monitors, multiplexers, and matrix switches, which can be used as originally intended as part of CCTV systems. In addition, bi-directional audio enables ready-to-use voice-over-IP communication between the

video encoder and decoder. Monitoring your cameras that are part of a large CCTV system is easy with the VPort D351, which can be set up to switch between different video sources either manually or automatically within a given time interval. Up to 64 video sources can be included in the list. In addition, the 2 DIs located on the top panel of the VPort D351 can be used to create 2 control buttons for up and down video source selection.

### : Specifications

#### Video

**Video Decoding:** MPEG4, MJPEG (auto-detecting)

**Video Inputs:** Accepts video streams from VPort series video encoders and VPort series IP cameras over TCP/IP networks (not included: VPort 2110, VPort 2140, VPort 2310, VPort 2141, VPort 3310)

**Video Outputs:** 1, BNC connector (1.0 Vpp, 75 ohms), NTSC or PAL

**Video Resolution:** Max. of 540 TVL lines

**Video Sources:** Up to 64, selected manually by web server or digital inputs, or selected automatically by scanning within a set time interval

#### Video Viewing:

- Max. 30/25 FPS (NTSC/PAL) can be decoded
- OSD (on-screen display) with video source, video source IP, date/time, and customized information

#### Audio

**Audio Inputs:** 1 Line-in or Mic-in with 3.5 mm phone jack

**Audio Outputs:** 1 Line-out with 3.5 mm phone jack

#### Network

**Protocols:** TCP, UDP, HTTP, SMTP, Telnet, NTP, DNS, DHCP, UPnP, RTP, RTSP, SNMPv1/v2c/v3

**Ethernet:** 1 10/100BaseT(X) auto negotiating RJ45 port

#### Serial Port

**PTZ Ports:** 1, RS-232/422/485 (terminal block connector), max. 115.2 Kbps

**Console Port:** 1 RS-232 RJ45 port

#### GPIO

**Digital Inputs:** 2, max. 8 mA

- High: +13 to +30V
- Low: -30 to +3V

**Relay Outputs:** 2, max. 24 VDC @ 1 A

#### LED Indicators

**STAT:** Indicates if the system booted properly or not

**PWR1:** Power 1

**PWR2:** Power 2

**FAULT:** Can be configured to correspond to system alarm, power failure, video loss, or disconnected network

#### Power Requirements

**Input Voltage:** 2 12/24 VDC or 24 VAC inputs for redundancy

**Power Consumption:** Max. 7.5 W

#### Physical Characteristics

**Housing:** Metal, IP30 protection

**Dimensions:** 52.98 x 135 x 105 mm (2.09 x 5.31 x 4.13 in)

**Weight:** 910 g

**Installation:** DIN-Rail mounting, wall mounting (with optional kit)

## PAN/TILT/ZOOM

**PTZ Camera Control:** Transparent PTZ camera control with legacy PTZ controller through the RS-232/422/485 PTZ port

### Security

**Password:** User level password protection

**Filtering:** By IP address

### Environmental Limits

**Operating Temperature:** 0 to 60°C (32 to 140°F)

**Storage Temperature:** -40 to 85°C (-40 to 185°F)

**Ambient Relative Humidity:** 5 to 95% (non-condensing)

### Regulatory Approvals

**Safety:** UL508

### EMS:

EN61000-4-2 (ESD), level 2

EN61000-4-3 (RS), level 3

EN61000-4-4 (EFT), level 3

EN61000-4-5 (Surge), level 3

EN61000-4-6 (CS), level 2

EN61000-4-12 (Oscillatory wave immunity), level 3

**EMI:** FCC Part 15, CISPR (EN55022) class A

**Shock:** IEC 60068-2-27

**Freefall:** IEC 60068-2-32

**Vibration:** IEC 60068-2-6

*Note: Please check Moxa's website for the most up-to-date certification status.*

### MTBF (mean time between failures)

**Time:** 275,000 hrs

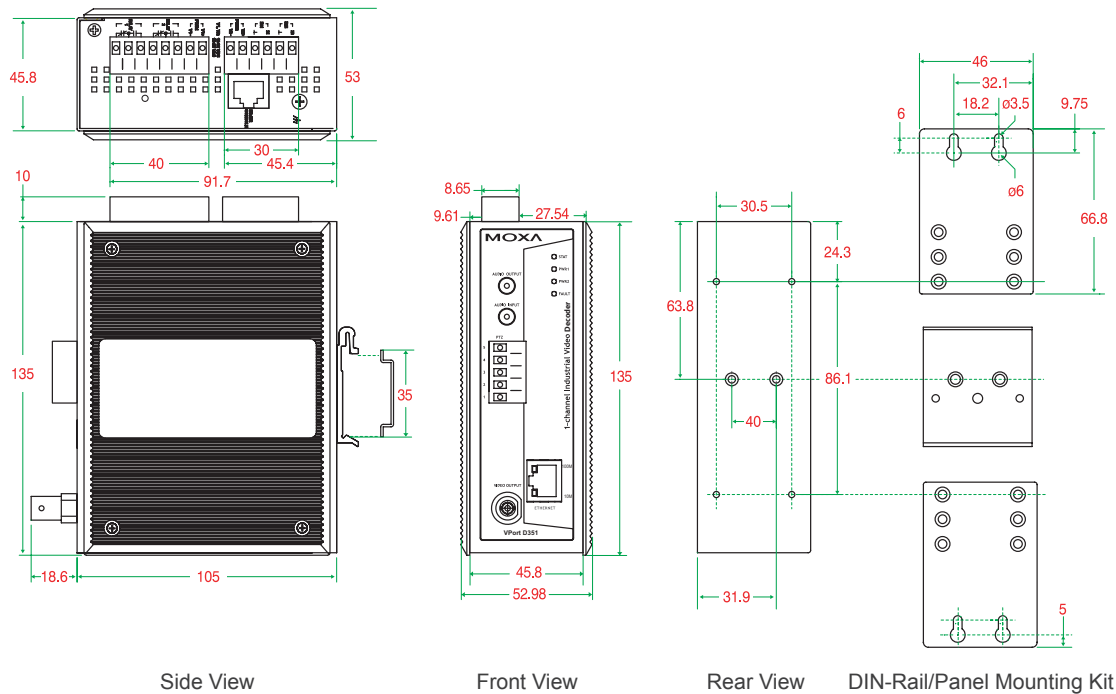
**Database:** MIL-HDBK-217F, GB 25°C

### Warranty

**Warranty Period:** 5 years

**Details:** See [www.moxa.com/warranty](http://www.moxa.com/warranty)

### Dimensions (unit = mm)



## : Ordering Information

### Available Models

**VPort D351:** 1-channel MJPEG/MPEG4 industrial video decoder, 0 to 60°C operating temperature

### Optional Accessories (can be purchased separately)

**DR-4524/75-24/120-24:** 45/75/120 W DIN-Rail 24 VDC power supplies

**WK-46:** Wall mounting kit

**RK-4U:** 4U-high 19" rack mounting kit