



## FDV241

Sinteso™

## Video Fire Controller



addressable (FDnet) MP 1

- Video fire controller for the addressable Sinteso fire alarm system for monitoring and recording of alarms and events
- Control of the video fire controller is configured from the fire control panel
- Status indication via LEDs
- Two-wire installation for all types of cable
- Communication via FDnet (individual addressing)
- Integrated line separator
- External 24 V power supply required
- Mounting in intermediate distribution frame or in a 3<sup>rd</sup> party housing fitting on U-rail

## Video fire controller FDV241 with integrated communication transponder FDCC221



### ● Function

- The video fire controller enable video recording of alarms and events such as arson, sabotage or vandalism
- Local storage on compact flash card with pre-and post-alarm recording
- Can be connected with CCTV system via Ethernet for live picture transmission and live event evaluation
- Compatible with all SISTORE™ product assortments
- Easy installation and configuration of the video functions with the included software
- Allocation of the video fire controller to the detectors via fire control panel
- A fault at the video fire controller or at the camera will be transmitted to the fire control panel

### ● Application

- For alarm analysis and live event evaluation in areas such as
  - Schools
  - Youth hostels
  - Prisons
  - Airports
  - Asylums
  - Shopping malls

## Application

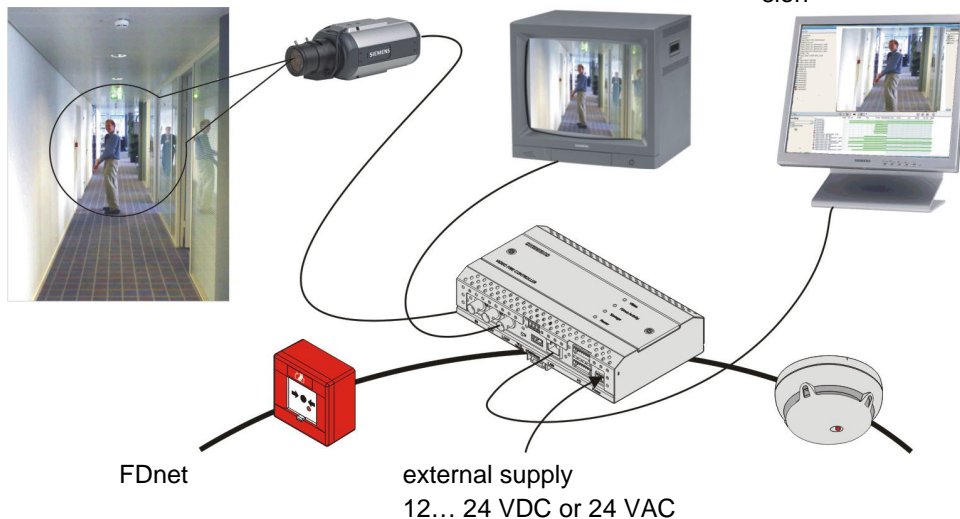
Example

Surveillance of manual call point

Camera

Optional monitor (through loop video signal)

PC with SISTORE software for the configuration of the video fire controller and of the camera as well as for live picture transmission



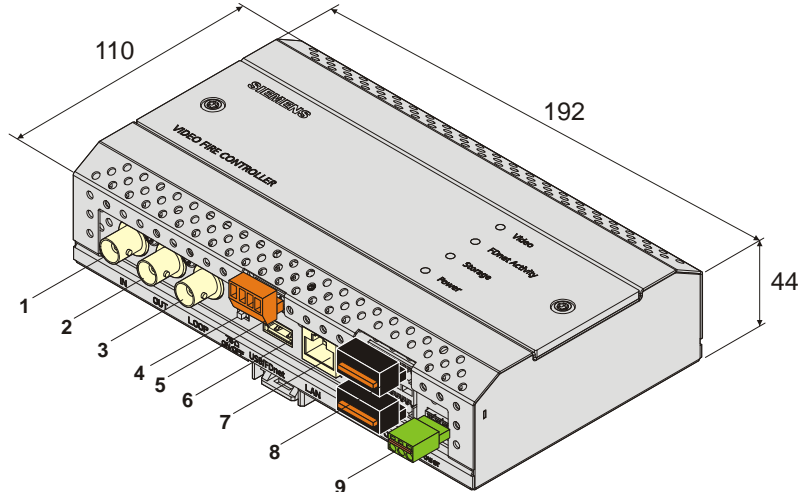
## Installation

- compatible with U-rail acc. to DIN EN 50022 dimension 35 x 7.5 or 35 x 15; 2.3 mm size
- in intermediate distribution frame or in a 3<sup>rd</sup> party housing



## Dimension, Connectors

- 1 Video connector (IN) for camera
- 2 Video connector (OUT) for monitor
- 3 Video connector (LOOP)
- 4 Termination resistor
- 5 Terminals orange for FDnet
- 6 USB 2.0 for Service interface
- 7 Connection for network cable Ethernet (LAN, RJ45)
- 8 Terminals black for I/O, RS485
- 9 Terminals green for ext. power supply



## Technical data

FDV241 video fire controller	Ext. supply input	12... 24 VDC or 24 VAC, 1.25 A, max. 15 W
	Compact Flash Slot	CF-Typ I: 42.8 x 36.4 x 3.3 mm
	Compact flash card	not enclosed
	– permissible temperature range	0... 70 °C
	– min. bit rate	1 MB/s, r/w
	– min. memory space	4 GB
	Battery	Varta 6032
	Operating temperature	-10... +50 °C
	Humidity (no condensation)	20... 80 % rel.
	Protection category EN60529 / IEC529	IP20
	Standard	EN54-17, EN54-18
	Video connections IN , OUT, LOOP	Video cable 75 Ohm BNC plug
	USB 2.0	max. 500 mA
	Network connection (Ethernet, LAN)	RJ45
	Connection terminals pluggable POWER	0.2... 1.5 mm <sup>2</sup>
	QS Standard	Siemens Standard SN 36350
FDCC221 communication transponder (integrated in FDV241)	Connection terminals pluggable FDnet	0.2... 1.5 mm <sup>2</sup>
	Operating voltage FDnet	12... 33 VDC
	Quiescent current	0.6... 0.75 mA
	Communication protocol	FDnet
	Operating temperature	-10... +55 °C
	MC-Link plug on FDCC221	for connection of detector tester
	Approval	
	– VdS	G208063
	System compatibility	FS20 (from MP2.1)

**CE** 0786

Siemens Schweiz AG, CH-6301 Zug  
Date: see manufacturing date on the product  
0786-CPD-20421

EN54-17, EN54-18  
FDCC221 contained in video fire controller;  
Safety in case of fire  
Technical data see Doc. A6V10092464

## Details for ordering

Type	Part no	Designation	Weight
FDV241	S54335-F1-A1	Video Fire Controller	0.950 kg
<b>consists of:</b>			
– Video Fire Controller incl. FDCC221			
– Pluggable terminals			
– 1 x power supply, 3-pin. green			
– 1 x FDnet, 4-pin orange			
– 2 x I/O, RS485, 8-pin black			
– 1 Ferrite			
– CD with SISTORE SX-CX software			
– Commissioning instruction			

- The power supply, the compact flash card and the U-rail must be provided separately.

### Suggest accessories

Camera	CCBC1345-LP	2GF1183-8GA	High resolution 1/3-inch color camera 480 lines, PAL, 12 VDC/24 VAC, 50 Hz	0.450 kg
Objective	CLVD1314/3.5-8	2GF1667-8AJ	3,5-8 mm F1,4 1/3" Vario lens	0.077 kg
Mounting bracket	CAB1420	2GF1710-8BD	Universal Camera Mount 140 mm	0.250 kg
Dome camera	CFVC1317-LP	S54561-C61-A1	1/3-inch CCD Varifocal Dome, High Res Colour 12 VDC/24 VAC, 3.5 W	0.290 kg

Details about system compatibility see list of compatibility 008331

Details about accessories see data sheets:

- Camera -> A24205-A336-B403
- Lens for camera -> A24205-A336-B649
- Dome camera -> A6V10216000