

DVR-F2116-M1

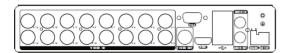
16CH, 2MP Lite DVR



KEY FEATURES

- 16CH, 1SATA
- Support AHD/TVI/CVI/CVBS/IP Cameras
- Support AHD/TVI/CVI cameras up to 2MP
- Support H.264+/H.264
- Support Smart Playback & analytics
- Support 2 extra IP Ch
- Support video quality detection (VQD)

INTERFACE



SPECIFICATION

Video Input TVI / CVI /AHD 1080P, 720P IPC Up to 16ch 2MP Audio Input 1-ch, RCA (2.0 Vp-p, 1 KΩ) Two way Talk 1-ch, multiplex with Audio Input (RCA)) VIDEO & AUDIO OUTPUT 1ch, resolution: 1920×1080/60Hz,1280×1024/60Hz,1280×720/60 Hz,1024×768/60Hz 1ch, resolution: 1920×1080/60Hz,1280×1024/60Hz,1280×720/ 60Hz,1024×768/60Hz CVBS output 3upport Audio Output 1-ch, RCA (Linear, 1kΩ) RECORDING Compression H.264/H.264+ Resolution 16ch 1080P Lite@12fps; 960H1/D1/CIF real time Frame Rate(fps) 1fps-12fps Video Bit Rate 11Kbps-2707Kbps Record Mode Audio Compression G.711a Audio Bit Rate 64Kbps PLAYBACK & BACKUP Playback Mode Smart Playback/Normal/Time Division/ Label/ Event/ Picture Playback Playback Rate 16ch Playback Backup Mode USB Device/Network SMART FUNCTION Smart Detection for Analog Smart Playback for Analog Contine Upgrade NETWORK	VIDEO & AUDIO INPUT		
IPC Audio Input 1-ch, RCA (2.0 Vp-p, 1 KΩ) Two way Talk 1-ch, multiplex with Audio Input (RCA)) VIDEO & AUDIO OUTPUT 1ch, resolution: 1920×1080/60Hz,1280×1024/60Hz,1280×720/60 Hz,1024×768/60Hz 1ch, resolution: 1920×1080/60Hz,1280×1024/60Hz,1280×720/ 60Hz,1024×768/60Hz CVBS output Support Audio Output 1-ch, RCA (Linear, 1kΩ) RECORDING Compression H.264/H.264+ Resolution Frame Rate(fps) 1fps-12fps Video Bit Rate 11Kbps-2707Kbps Record Mode Audio Compression G.711a Audio Bit Rate 64Kbps PLAYBACK & BACKUP Playback Mode Smart Playback/Normal/Time Division/ Label/Event/ Picture Playback Playback Rate Backup Mode USB Device/Network SMART FUNCTION Smart Detection for Analog Smart Playback for Analog Smart Playback for Analog Coupling Cup to the first such and the cossing detection, area Intrusion, Motion detection Motion detection Colline Upgrade Supported	Video Input	16ch BNC interface (1.0Vp-p, 75 Ω)	
Audio Input 1-ch, RCA (2.0 Vp-p, 1 KΩ) Two way Talk 1-ch, multiplex with Audio Input (RCA)) VIDEO & AUDIO OUTPUT 1ch, resolution: 1920×1080/60Hz,1280×1024/60Hz,1280×720/60 Hz,1024×768/60Hz 1ch, resolution: 1920×1080/60Hz,1280×1024/60Hz,1280×720/ 60Hz,1024×768/60Hz CVBS output Support Audio Output 1-ch, RCA (Linear, 1kΩ) RECORDING Compression H.264/H.264+ Resolution 16ch 1080P Lite@12fps; 960H1/D1/CIF real time Frame Rate(fps) 1fps-12fps Video Bit Rate 11Kbps-2707Kbps Record Mode Manual, Schedule, Alarm Audio Compression G.711a Audio Bit Rate 64Kbps PLAYBACK & BACKUP Playback Mode Smart Playback/Normal/Time Division/ Label/Event/Picture Playback Playback Rate Backup Mode USB Device/Network SMART FUNCTION Smart Playback for Analog Smart Playback for Analog Smart Playback for Analog Conline Upgrade Supported	TVI / CVI /AHD	1080P, 720P	
Two way Talk VIDEO & AUDIO OUTPUT 1ch, resolution: 1920×1080/60Hz,1280×1024/60Hz,1280×720/60 Hz,1024×768/60Hz 1920×1080/60Hz,1280×1024/60Hz,1280×720/ 60Hz,1024×768/60Hz CVGA 1920×1080/60Hz,1280×1024/60Hz,1280×720/ 60Hz,1024×768/60Hz CVBS output Support Audio Output 1-ch, RCA (Linear, 1kΩ) RECORDING Compression H.264/H.264+ Resolution Frame Rate(fps) 1fps-12fps Video Bit Rate 11Kbps-2707Kbps Record Mode Manual, Schedule, Alarm Audio Compression G.711a Audio Bit Rate 64Kbps PLAYBACK & BACKUP Playback Mode Smart Playback/Normal/Time Division/ Label/Event/ Picture Playback Backup Mode USB Device/Network SMART FUNCTION Smart Playback for Analog Supported	IPC	Up to 16ch 2MP	
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HDMI 1920×1080/60Hz,1280×1024/60Hz,1280×720/60 Hz,1024×768/60Hz VGA 1ch, resolution: 1920×1080/60Hz,1280×1024/60Hz,1280×720/60Hz,1024×768/60Hz CVBS output Support Audio Output 1-ch, RCA (Linear, 1kΩ) RECORDING Compression H.264/H.264+ Resolution 16ch 1080P Lite@12fps; 960H1/D1/CIF real time Frame Rate(fps) 1fps-12fps Video Bit Rate 11Kbps-2707Kbps Record Mode Manual, Schedule, Alarm Audio Compression G.711a Audio Bit Rate 64Kbps PLAYBACK & BACKUP Playback Mode Smart Playback/Normal/Time Division/ Label/Event/ Picture Playback Backup Mode USB Device/Network SMART FUNCTION Smart Playback for Analog 1ch crossing detection, area Intrusion Line crossing detection, Motion detection Online Upgrade Supported	VIDEO & AUDIO OUTPUT		
VGA 1920×1080/60Hz,1280×1024/60Hz,1280×720/ 60Hz,1024×768/60Hz CVBS output Audio Output 1-ch, RCA (Linear, 1kΩ) RECORDING Compression H.264/H.264+ Resolution Frame Rate(fps) 1fps-12fps Video Bit Rate 11Kbps-2707Kbps Record Mode Audio Compression G.711a Audio Bit Rate 64Kbps PLAYBACK & BACKUP Playback Mode Smart Playback/Normal/Time Division/ Label/Event/ Picture Playback Backup Mode SMART FUNCTION Smart Detection for Analog Smart Playback for Analog Smart Playback on Area Intrusion, Motion detection Online Upgrade Supported	HDMI	1920×1080/60Hz,1280×1024/60Hz,1280×720/60	
Audio Output 1-ch, RCA (Linear, 1kΩ) RECORDING Compression H.264/H.264+ Resolution 16ch 1080P Lite@12fps; 960H1/D1/CIF real time Frame Rate(fps) 1fps-12fps Video Bit Rate 11Kbps-2707Kbps Record Mode Manual, Schedule, Alarm Audio Compression G.711a Audio Bit Rate 64Kbps PLAYBACK & BACKUP Playback Mode Smart Playback/Normal/Time Division/ Label/Event/ Picture Playback Playback Rate 16ch Playback Backup Mode USB Device/Network SMART FUNCTION Smart Detection for Analog 2CH line crossing detection, area Intrusion, Motion detection Smart Playback for Analog Line crossing detection, Area Intrusion, Motion detection Online Upgrade Supported	VGA	1920×1080/60Hz,1280×1024/60Hz,1280×720/	
RECORDING Compression H.264/H.264+ Resolution 16ch 1080P Lite@12fps; 960H1/D1/CIF real time Frame Rate(fps) 1fps-12fps Video Bit Rate 11Kbps-2707Kbps Record Mode Manual, Schedule, Alarm Audio Compression G.711a Audio Bit Rate 64Kbps PLAYBACK & BACKUP Playback Mode Smart Playback/Normal/Time Division/ Label/Event/ Picture Playback Backup Mode USB Device/Network SMART FUNCTION Smart Detection for Analog 2CH line crossing detection, area Intrusion Smart Playback for Analog Line crossing detection, Area Intrusion, Motion detection Online Upgrade Supported	CVBS output	Support	
Compression H.264/H.264+ Resolution 16ch 1080P Lite@12fps; 960H1/D1/CIF real time Frame Rate(fps) 1fps-12fps Video Bit Rate 11Kbps-2707Kbps Record Mode Manual, Schedule, Alarm Audio Compression G.711a Audio Bit Rate 64Kbps PLAYBACK & BACKUP Playback Mode Smart Playback/Normal/Time Division/ Label/Event/ Picture Playback Playback Rate 16ch Playback Backup Mode USB Device/Network SMART FUNCTION Smart Playback for Analog 2CH line crossing detection, area Intrusion Smart Playback for Analog Supported Online Upgrade Supported	Audio Output	1-ch, RCA (Linear, 1kΩ)	
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Video Bit Rate Record Mode Manual, Schedule, Alarm Audio Compression G.711a Audio Bit Rate 64Kbps PLAYBACK & BACKUP Playback Mode Smart Playback/Normal/Time Division/ Label/Event/ Picture Playback Playback Rate 16ch Playback Backup Mode USB Device/Network SMART FUNCTION Smart Detection for Analog Smart Playback for Analog Line crossing detection, area Intrusion, Motion detection Online Upgrade Supported	Resolution		
Record Mode Audio Compression G.711a Audio Bit Rate 64Kbps PLAYBACK & BACKUP Playback Mode Smart Playback/Normal/Time Division/ Label/Event/ Picture Playback Playback Rate Backup Mode USB Device/Network SMART FUNCTION Smart Playback for Analog Line crossing detection, area Intrusion Motion detection Online Upgrade Supported	Frame Rate(fps)	1fps-12fps	
Audio Compression Audio Bit Rate 64Kbps PLAYBACK & BACKUP Playback Mode Smart Playback/Normal/Time Division/ Label/ Event/ Picture Playback Playback Rate 16ch Playback Backup Mode USB Device/Network SMART FUNCTION Smart Detection for Analog Smart Playback for Analog Line crossing detection, area Intrusion Motion detection Online Upgrade Supported	Video Bit Rate	11Kbps-2707Kbps	
Audio Bit Rate PLAYBACK & BACKUP Playback Mode Smart Playback/Normal/Time Division/ Label/ Event/ Picture Playback Playback Rate 16ch Playback Backup Mode USB Device/Network SMART FUNCTION Smart Detection for Analog Smart Playback for Analog Line crossing detection, area Intrusion, Motion detection Online Upgrade Supported	Record Mode	Manual, Schedule, Alarm	
PLAYBACK & BACKUP Playback Mode Smart Playback/Normal/Time Division/ Label/ Event/ Picture Playback Playback Rate 16ch Playback Backup Mode USB Device/Network SMART FUNCTION Smart Detection for Analog 2CH line crossing detection, area Intrusion Line crossing detection, Area Intrusion, Motion detection Online Upgrade Supported	Audio Compression	G.711a	
Playback Mode Smart Playback/Normal/Time Division/ Label/ Event/ Picture Playback Playback Rate 16ch Playback Backup Mode USB Device/Network SMART FUNCTION Smart Detection for Analog Smart Playback for Analog Line crossing detection, Area Intrusion, Motion detection Online Upgrade Supported	Audio Bit Rate	64Kbps	
Playback Mode Event/ Picture Playback Playback Rate 16ch Playback Backup Mode USB Device/Network SMART FUNCTION Smart Detection for Analog Smart Playback for Analog Conline Upgrade Event/ Picture Playback 16ch Playback USB Device/Network 2CH line crossing detection, area Intrusion Motion detection Supported	PLAYBACK & BACKUP		
Backup Mode USB Device/Network SMART FUNCTION Smart Detection for Analog Smart Playback for Analog Online Upgrade USB Device/Network USB Device/Network SCH line crossing detection, area Intrusion Line crossing detection, Area Intrusion, Motion detection Supported	Playback Mode		
SMART FUNCTION Smart Detection for Analog Smart Playback for Analog Online Upgrade 2CH line crossing detection, area Intrusion Line crossing detection, Area Intrusion, Motion detection Supported	Playback Rate	16ch Playback	
Smart Detection for Analog Smart Playback for Analog Online Upgrade 2CH line crossing detection, area Intrusion Line crossing detection, Area Intrusion, Motion detection Supported	Backup Mode	USB Device/Network	
Smart Playback for Analog Line crossing detection, Area Intrusion, Motion detection Online Upgrade Supported			
Online Upgrade Motion detection Supported	Smart Detection for Analog		
	Smart Playback for Analog		
NETWORK	Online Upgrade	Supported	
Ethernet 1 RJ-45 10/100 Mbps self-adaptive Ethernet interface	Ethernet		
HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS Network Function P,RTCP,UDP,SMTP,SNMP,Multicast,IGMP,N TP,DHCP,DNS,DDNS, FTP, P2P	Network Function	HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS P,RTCP,UDP,SMTP,SNMP,Multicast,IGMP,N	
Smart Phone IOS (iPhone, iPad), Android (Phone, Pad)	Smart Phone		

HARD DISK		
SATA	1 HDD	
Capacity	Up to 8TB capacity for each HDD	
EXTERNAL INTERFACE		
Serial Interface	RS-485	
USB Interface	2 × USB	
GENERAL		
Power Supply	DC12V, 2A	
Power Consumption	≤10W (without HDD)	
Working Environment	-10°C~+55°C / 10%~90%RH	
Dimension (W×D×H)	250 x 230 x 45mm	
Weight (without HDD)	1.5kg	
Certification	CE, BIS	
SYSTEM MANAGEMENT		
Mobile Software	D-Link Smart CCTV App	
Desktop Software	DSVS (D-Link Smart Video Surveillance)	
System Requirement for Web Interface	IE	

