C-Series















HD Analog Day/ Night Fixed IR Dome Camera

Panasonic

CV-CFW203L

Smart look Day/ Night Fixed Dome Camera with IR illuminator



Key Features

- High-performance CMOS image sensor.
- Support 1080p@25fps (PAL)/ 30fps (NTSC)
- Support 75-3 coaxial cable (Belden 9259 or equivalent) transmission up to 500m.
- High speed & long distance real-time transmission.
- Support ICR for day time and night time operation.
- Support auto exposure, auto white balance, auto electronic shutter and auto gain function.
- Support DC12V power supply.
- IP66 compliance.

Standard Accessories

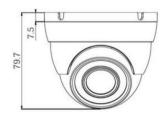
- Quick guide.....1 pc
- Important safety instruction......1 pc

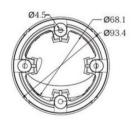
Specifications

Specifications	
Parameter	CV-CFW203L
Camera	
Image Sensor	1/2.9" 2.0 Mega Pixels CMOS
Effective Pixels	1936 (H) x 1097 (V)
Min Illumination	0.02Lux/ F2.0, 0Lux IR on
Electronic Shutter	PAL : 1/25s~1/100,000s NTSC: 1/30s~1/100,000s
Video Frame Rate	PAL : 25fps NTSC: 30fps
Synchronization	Internal
Day & Night	Auto (ICR)/ Color/ B/W
Max IR Distance	30m
Digital Noise Reduction	2D
White Balance	Auto
AGC	Auto
BLC	Auto
Lens	
Focal Length	3.6 mm
Angular Field of View	H: 82.8° V: 44.2°
Lens Type	M12
Input / Output	0 11 10 ., 11 12 .
Video Output	1CH BNC HD-CVI video output
General	
Power	DC 12V±25%
Power Consumption	2.8W MAX
Working Temperature	-30°C∼+60°C. Less than 95% RH (no condensation)
Dimensions	Ф93.4 mm × 79.7 mm
Weight (approx.)	330g
External Case	Metal

*Refer to DVR spec sheet for recording frame rate limitation

Appearance





Important

- Safety Precaution: Carefully read the operating instruction manual before using this product.
- All pictures are simulated.
- Weights and dimensions are approximate.
- Specifications are subject to change without notice.
- These products may be subject to export control regulations.

HD Analog Day/ Night Fixed IR Box Camera

Panasonic

CV-CPW203L

Smart look Day/ Night Fixed Box (Bullet) Camera with IR illuminator



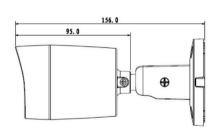
Key Features

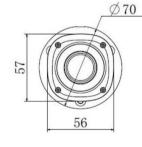
- High-performance CMOS image sensor.
- Support 1080p@25fps (PAL)/ 30fps (NTSC)
- Support 75-3 coaxial cable (Belden 9259 or equivalent) transmission up to 500m.
- High speed & long distance real-time transmission.
- Support ICR for day time and night time operation.
- Support auto exposure, auto white balance, auto electronic shutter and auto gain function.
- Support DC12V power supply.
- IP66 compliance.

Standard Accessories

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Appearance





Specifications

Parameter	CV-CPW203L
Camera	
Image Sensor	1/2.9" 2.0 Mega Pixels CMOS
Effective Pixels	1936 (H) x 1097 (V)
Min Illumination	0.02Lux/ F2.0, 0Lux IR on
Electronic Shutter	PAL : 1/25s~1/100,000s NTSC: 1/30s~1/100,000s
Video Frame Rate	PAL : 25fps NTSC: 30fps
Synchronization	Internal
Day & Night	Auto (ICR)/ Color/ B/W
Max IR Distance	20m
Digital Noise Reduction	2D
White Balance	Auto
AGC	Auto
BLC	Auto
Lens	
Focal Length	3.6mm
Angular Field of View	H: 82.8° V:44.2°
Lens Type	M12
Input / Output	0 41 40 %
Video Output	1CH BNC HD-CVI video output
General	
Power	DC 12V±25%
Power Consumption	2.8W MAX
Working Temperature	-30°C∼+60°C. Less than 95% RH (no condensation)
Dimensions	Ф70.0 mm × 156.0 mm
Weight (approx.)	300g
External Case	Metal

*Refer to DVR spec sheet for recording frame rate limitation

Important

- Safety Precaution: Carefully read the operating instruction manual before using this product.

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4 CH/ 8 CH HD Analog Digital Video Recorder Specifications



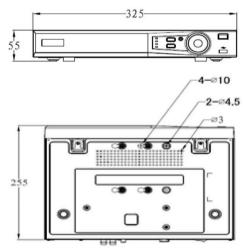
Key Features

- 4 CH (CJ-HDR104) / 8 CH (CJ-HDR108) with 720p real-time recording playback and live view
- H.264 video encode
- HDMI/ VGA simultaneous video output
- Support 1 SATA HDDs up to 6TB, 2 USB
- Digital Zoom in Live & Playback
- iPhone, iPad, & Android

Standard Accessories

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Appearance



Important

- Safety Precaution: Carefully read the operating instruction manual before using this product.

Model		CJ-HDR104	CJ-HDR108	
Video/ Audio l	F			
Video Input		4 CH, BNC	8 CH, BNC	
_	HDCVI	720p/ 1080p HDCVI	•	
Туре	Analog	NTSC/ PAL		
Video Output		1 HDMI, 1 VGA		
Audio Input		1 CH , RCA		
Audio Output		1 CH , RCA		
Two-way Talk		Reuse audio input/ output		
Display				
Output Resolut	ion	1920×1080, 1280×1024, 1	280×720 1024×768	
Multiscreen Mo		1/4	1/4/8/9	
Privacy Maskir		Corpo Ab De Ser Ser	- All and a second seco	
	19	4 rectangular zones (each camera) Camera title, Time, Video loss, Camera lock, Motion detection		
OSD		Recording	oss, Camera lock, Motion detection	
Video/ Audio I	Format			
Video/ Audio C		H.264/ G.711		
Record	Main Stream	1080P (1~12/15fps)/ 720P	/ 960H/ D1 (1~25/30fps)	
Rate*	Extra Stream	CIF/ QCIF (1~25/30fps), D		
Bit Rate		96~4096Kb/s		
Record Mode		Manual, Schedule (Regula	r (Continuous), MD), Stop	
	./-		Pre-record: 1~30 sec, Post-record	
Record Interva		10~300 sec		
Alarm/ Event		T		
Trigger Events		Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot,		
Trigger Evento		Buzzer & Screen tips		
Video Detection		Motion Detection, MD Zones: 396 (22×18), Video Loss & Camera Blank		
Playback & Ba	ackup			
Sync Playback		1/4	1/4/9	
		Time / Date MD 0 County	the state of the s	
Search Mode		Time/ Date, ND & Exact se	earch (accurate to second)	
Search Mode Playback Func	tions	Play, Pause, Stop, Rewind	, Fast play, Slow play, Next file, Previous camera, Full screen,	
II. I	tions	Play, Pause, Stop, Rewind Previous file, Next camera	, Fast play, Slow play, Next file, Previous camera, Full screen,	
Playback Func	tions	Play, Pause, Stop, Rewind Previous file, Next camera Repeat, Shuffle, Backup se	, Fast play, Slow play, Next file, Previous camera, Full screen,	
Playback Func Backup Mode		Play, Pause, Stop, Rewind Previous file, Next camera Repeat, Shuffle, Backup so USB Device/ Network	, Fast play, Slow play, Next file, Previous camera, Full screen,	
Playback Func Backup Mode Network	ace	Play, Pause, Stop, Rewind Previous file, Next camera Repeat, Shuffle, Backup si USB Device/ Network RJ-45 port (10/ 100M) HTTP, IPv4/IPv6, TCP/IP,	, Fast play, Slow play, Next file, Previous camera, Full screen,	
Playback Func Backup Mode Network Network Interfa	ace	Play, Pause, Stop, Rewind Previous file, Next camera Repeat, Shuffle, Backup si USB Device/ Network RJ-45 port (10/ 100M) HTTP, IPv4/IPv6, TCP/IP,	, Fast play, Slow play, Next file, Previous camera, Full screen, election, Digital zoom	
Playback Func Backup Mode Network Network Interfa Network Functi	ace	Play, Pause, Stop, Rewind Previous file, Next camera Repeat, Shuffle, Backup st USB Device/ Network RJ-45 port (10/ 100M) HTTP, IPv4/IPv6, TCP/IP, DHCP, DNS, PPPOE, DDI	, Fast play, Slow play, Next file, Previous camera, Full screen, election, Digital zoom	
Playback Funce Backup Mode Network Network Interfative Network Function Max. User Acc	ace	Play, Pause, Stop, Rewind Previous file, Next camera Repeat, Shuffle, Backup st USB Device/ Network RJ-45 port (10/ 100M) HTTP, IPv4/IPv6, TCP/IP, DHCP, DNS, PPPOE, DDI	, Fast play, Slow play, Next file, Previous camera, Full screen, election, Digital zoom	
Playback Func Backup Mode Network Network Interfa Network Functi Max. User Acc Mobile Device HDD	ace	Play, Pause, Stop, Rewind Previous file, Next camera Repeat, Shuffle, Backup si USB Device/ Network RJ-45 port (10/ 100M) HTTP, IPv4/IPv6, TCP/IP, DHCP, DNS, PPPOE, DDI 128 users iPhone, iPad, Android	, Fast play, Slow play, Next file, Previous camera, Full screen, election, Digital zoom	
Playback Func Backup Mode Network Network Interfa Network Functi Max. User Acc Mobile Device HDD	ions ess	Play, Pause, Stop, Rewind Previous file, Next camera Repeat, Shuffle, Backup st USB Device/ Network RJ-45 port (10/ 100M) HTTP, IPv4/IPv6, TCP/IP, DHCP, DNS, PPPOE, DDI	, Fast play, Slow play, Next file, Previous camera, Full screen, election, Digital zoom	
Playback Func Backup Mode Network Network Interfa Network Funct Max. User Acc Mobile Device HDD Type External Interf	ions ess	Play, Pause, Stop, Rewind Previous file, Next camera Repeat, Shuffle, Backup si USB Device/ Network RJ-45 port (10/ 100M) HTTP, IPV4/IPV6, TCP/IP, DHCP, DNS, PPPOE, DDI 128 users iPhone, iPad, Android 1 SATA port, up to 6TB	, Fast play, Slow play, Next file, Previous camera, Full screen, election, Digital zoom	
Playback Func Backup Mode Network Network Interfa Network Funct Max. User Acc Mobile Device HDD Type External Interf USB Interface	ions ess	Play, Pause, Stop, Rewind Previous file, Next camera Repeat, Shuffle, Backup si USB Device/ Network RJ-45 port (10/ 100M) HTTP, IPv4/IPv6, TCP/IP, DHCP, DNS, PPPOE, DDI 128 users iPhone, iPad, Android 1 SATA port, up to 6TB	, Fast play, Slow play, Next file, Previous camera, Full screen, election, Digital zoom	
Playback Func Backup Mode Network Network Interfa Network Funct Max. User Acc Mobile Device HDD Type External Interf USB Interface RS485 Camera	ess face	Play, Pause, Stop, Rewind Previous file, Next camera Repeat, Shuffle, Backup si USB Device/ Network RJ-45 port (10/ 100M) HTTP, IPV4/IPV6, TCP/IP, DHCP, DNS, PPPOE, DDI 128 users iPhone, iPad, Android 1 SATA port, up to 6TB	, Fast play, Slow play, Next file, Previous camera, Full screen, election, Digital zoom	
Playback Func Backup Mode Network Network Interfa Network Funct Max. User Acc Mobile Device HDD Type External Interf USB Interface RS485 Camera General Speci	ess face	Play, Pause, Stop, Rewind Previous file, Next camera Repeat, Shuffle, Backup st USB Device/ Network RJ-45 port (10/ 100M) HTTP, IPv4/IPv6, TCP/IP, DHCP, DNS, PPPOE, DDI 128 users iPhone, iPad, Android 1 SATA port, up to 6TB 2 ports (1 Rear), USB2.0 1 port, For PTZ Control	, Fast play, Slow play, Next file, Previous camera, Full screen, election, Digital zoom	
Playback Funct Backup Mode Network Network Interfa Network Funct Max. User Acc Mobile Device HDD Type External Interfa USB Interface RS485 Camera General Speci	face a Interface Ifications	Play, Pause, Stop, Rewind Previous file, Next camera Repeat, Shuffle, Backup st USB Device/ Network RJ-45 port (10/ 100M) HTTP, IPv4/IPv6, TCP/IP, DHCP, DNS, PPPOE, DDI 128 users iPhone, iPad, Android 1 SATA port, up to 6TB 2 ports (1 Rear), USB2.0 1 port, For PTZ Control	, Fast play, Slow play, Next file, Previous camera, Full screen, election, Digital zoom	
Playback Funct Backup Mode Network Network Interfa Network Funct Max. User Acc Mobile Device HDD Type External Interfa USB Interface RS485 Camera General Speci Power Supply Power Consum	face a Interface effications	Play, Pause, Stop, Rewind Previous file, Next camera Repeat, Shuffle, Backup st USB Device/ Network RJ-45 port (10/ 100M) HTTP, IPv4/IPv6, TCP/IP, DHCP, DNS, PPPOE, DDI 128 users iPhone, iPad, Android 1 SATA port, up to 6TB 2 ports (1 Rear), USB2.0 1 port, For PTZ Control DC12V/4A 10W (without HDD)	, Fast play, Slow play, Next file, Previous camera, Full screen, election, Digital zoom UPNP, RTSP, UDP, SMTP, NTP, NS, FTP, IP Filter, SNMP, P2P	
Playback Funct Backup Mode Network Network Interfa Network Funct Max. User Acc Mobile Device HDD Type External Interfa USB Interface RS485 Camera General Speci	face a Interface ifications aption	Play, Pause, Stop, Rewind Previous file, Next camera Repeat, Shuffle, Backup st USB Device/ Network RJ-45 port (10/ 100M) HTTP, IPv4/IPv6, TCP/IP, DHCP, DNS, PPPOE, DDI 128 users iPhone, iPad, Android 1 SATA port, up to 6TB 2 ports (1 Rear), USB2.0 1 port, For PTZ Control	, Fast play, Slow play, Next file, Previous camera, Full screen, election, Digital zoom UPNP, RTSP, UDP, SMTP, NTP, NS, FTP, IP Filter, SNMP, P2P	

-Auto Reboot (once a week) - Recording rate of CH 1 or CH 5 set at 1080p (16~25/30fps), will only allow the other channels to record at 1080P (1~7fps) or 720p (1~15fps).

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- Specifications are subject to change without notice.
- These products may be subject to export control regulations.

CJ-HDR216

16 CH HDCVI 2 SATA HDD Analog Digital Video Recorder



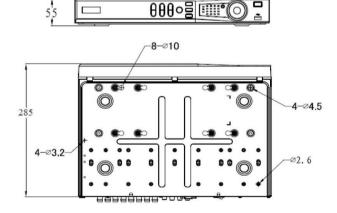
Key Features

- 16 CH with 720p real-time recording playback and live view
- H.264 video encode
- 1/4/9/16 CH synchronous real time playback
- HDMI/ VGA simultaneous video output
- Support 2 SATA HDDs up to 12 TB, 2 USB
- Digital Zoom in Live & Playback
- iPhone, iPad & Android

Standard Accessories

- CD1pc

Appearance



Specifications

Model		CJ-HDR216	
Video/ Audio IF			
Video Input		16 CH, BNC	
HDCVI		720p/ 1080p HDCVI	
Туре	Analog	NTSC/ PAL	
Video Output		1 HDMI, 1 VGA	
Audio Input		1 CH, RCA	
Audio Output		1 CH, RCA	
Two-way Talk		Reuse audio input/ output CH 1	
Display		Troub dud mpar super off	
Output Resolution	n	1920×1080, 1280×1024, 1280×720, 1024×768	
Multiscreen Mode		1/4/8/9/16	
Privacy Masking		4 rectangular zones (each camera)	
		Camera title, Time, Video loss, Camera lock, Motion detectio	
OSD		Recording	
Video/ Audio Fo	rmat		
Video/Audio Com	pression	H.264/ G.711	
	Main Stream	1080P (1~12/15fps)/ 720P/ 960H/ D1 (1~25/30fps)	
1100014	Extra Stream	CIF/ QCIF (1~25/30fps), D1 (1~12/15fps)	
Bit Rate		96~4096Kb/s	
Record Mode		Manual, Schedule (Regular (Continuous), MD), Stop	
		1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record	
Record Interval		10~300 sec	
Alarm/ Event			
Trigger Events		Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips	
Video Detection) [Motion Detection, MD Zones: 396 (22×18), Video Loss & Camera Blank	
Playback & Bacl	kup		
Sync Playback		1/4/9/16	
Search Mode		Time/Date, MD & Exact search (accurate to second)	
Playback Functions		Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom	
Backup Mode		USB Device/Network	
Network			
Network Interface	9	RJ-45 port (10/100M/ 1000M)	
Network Function		HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, SNMP, P2P	
Max. User Acces	s	128 users	
Mobile Device		iPhone, iPad, Android	
HDD		in none, il un, riinioni	
Туре		2 SATA ports, up to 12TB	
External Interfac	20		
USB Interface		2 ports (1 Rear), USB2.0	
RS485 Camera Interface		1 port, For PTZ Control	
		1 port, For F12 Control	
General Specific	ations	DC42V/FA	
Power Supply		DC12V/5A	
Power Consumpt		15W (without HDD)	
Working Environr		-10°C~+55°C / 10%~90%RH/ 86~106kpa	
Dimension(W×D>	×H)	1U, 375mm×285mm×55mm	
Weight		2.35KG (without HDD)	

-Auto Reboot (once a week)

Recording rate of CH 1, CH 5, CH 9, or CH 13 set at 1080p (16~25/30fps), will
only allow the other channels to record at 1080P (1~7fps) or 720p (1~15fps).

- All pictures are simulated.
- Weights and dimensions are approximate.
- Specifications are subject to change without notice.
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Important

- Safety Precaution: Carefully read the operating instruction manual before using this product.

CJ-HDR416

16 CH HDCVI 4 SATA HDD Analog Digital Video Recorder



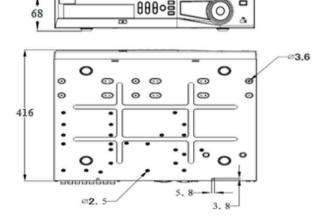
Key Features

- 16 CH with 720p real-time recording playback and live view
- H.264 video encode
- 1/4/9/16 CH synchronous real time playback
- HDMI/ VGA/ TV simultaneous video output
- Support 4 SATA HDDs up to 24TB, 3 USB
- Digital Zoom in Live & Playback
- iPhone, iPad & Android

Standard Accessories

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•	Important safety instruction1 pc

Appearance



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Specifications

Model		CJ-HDR416	
Video/ Audio I	E.		
Video Input		16 CH, BNC	
	HDCVI	720p/ 1080p HDCVI	
Туре	Analog	NTSC/ PAL	
Video Output	, , , ,	1 HDMI, 1 VGA, 1 TV	
Audio Input		4 CH, BNC	
Audio Output		1 CH, BNC	
Two-way Talk		1 CH input, 1 CH output, BNC	
Display			
Output Resolut	on	1920×1080, 1280×1024, 1280×720, 1024×768	
Multiscreen Mo		1/4/8/9/16	
Privacy Maskin		4 rectangular zones (each camera)	
OSD		Camera title, Time, Video loss, Camera lock, Motion detection, Recording	
Video/ Audio F	ormat		
Video/Audio Co	mpression	H.264/ G.711	
Record	Main Stream	1080P (1~12/15fps)/ 720P/ 960H/ D1/ HD1/ 2CIF/ CIF (1~25/30fp	
Rate*	Extra Stream	CIF/ QCIF (1~25/30fps), D1 (1~12/15fps)	
Bit Rate	J.	48~4096Kb/s	
Record Mode	/	Manual, Schedule (Regular (Continuous), MD), Stop	
Record Interval		1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec	
Alarm/ Event			
Trigger Events		Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips	
Video Detection		Motion Detection, MD Zones: 396 (22×18), Video Loss & Camera Blank	
Playback & Ba	ckup		
Sync Playback		1/4/9/16	
Search Mode		Time/Date, MD & Exact search (accurate to second)	
Playback Functions		Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom	
Backup Mode		USB Device/ eSATA Device/ Network	
Network			
Network Interfa	се	RJ-45 port (10/100M/ 1000M)	
Network Functi		HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, SNMP, P2P	
Max. User Acce	ess	128 users	
Mobile Device		iPhone, iPad, Android	
HDD			
Туре		4 SATA ports, up to 24TB	
External Interf	ace	·	
USB Interface		3 ports (2 Rear), USB2.0	
RS485 Camera Interface		1 port RS485 for PTZ control,1 port RS422 for Keyboard	
General Speci			
Power Supply		AC 100~240 V, 50/60 Hz	
Power Consumption		40W (without HDD)	
Working Environment		-10°C~+55°C/ 10%~90%RH/ 86~106kpa	
Dimension(W×D×H)		1.5U, 440mm×416mm×68mm	
Weight			

-Auto Reboot (once a week)
- Recording rate of CH 1, CH 5, CH 9, or CH 13 set at 1080p (16~25/30fps), will
only allow the other channels to record at 1080P (1~7fps) or 720p (1~15fps).

Important

- Safety Precaution: Carefully read the operating instruction manual before using this product.
- All pictures are simulated.
- Weights and dimensions are approximate.
- Specifications are subject to change without notice.
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