

Matrix Real Time DVR



4 CH UDR-7004T



8 CH UDR-7108 / 16 CH UDR-7116



8 CH UDR-708E

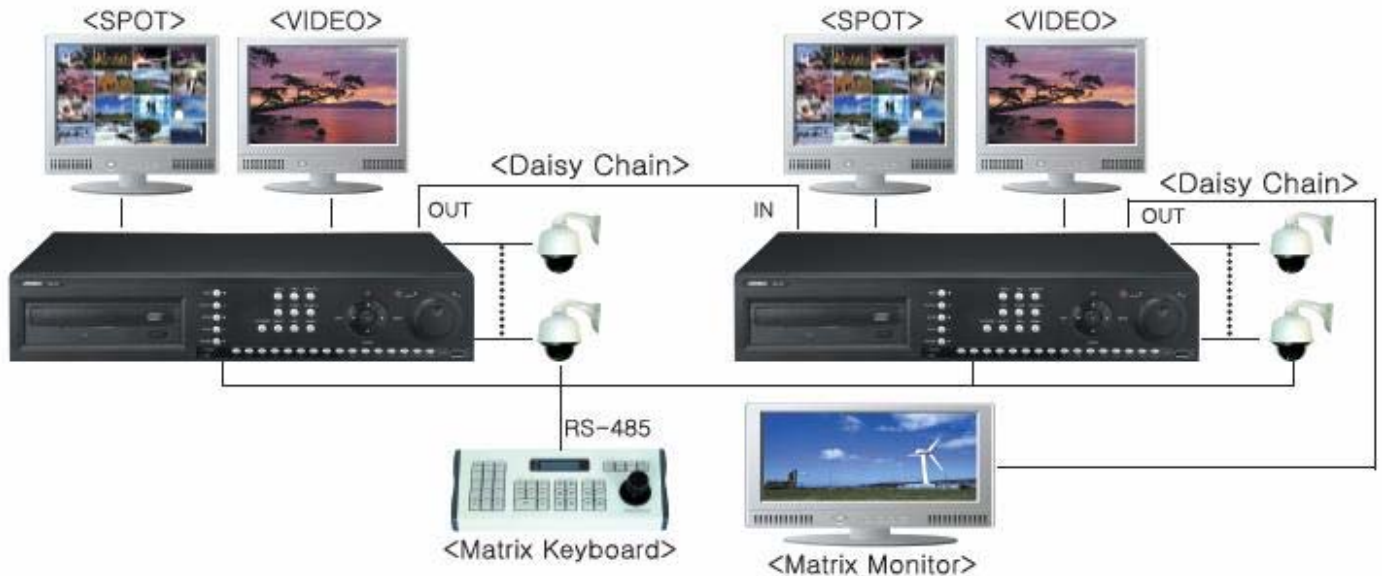


16 CH UDR-716E

- Real time recording and playback.
- Matrix function for controlling multiple DVRs.
- Multi-level user management support.
- E-map function and 128 CH CMS.
- Mobil viewer connectivity.
- Smart backup function



Matrix Function



- Matrix function only available on UDR-708E / UDR-716E

CMS

- Up to 128 Channel
- Audio for Playback and Live
- Playback & Backup from Remote DVR
- PTZ Control
- Remote DVR Setup
- Group Management
- Alarm Event



E-map function (UniMap)

- Indicate Camera Location in the Map
- Shows DVR's Recording and Event Status in Real Time





iPhone & iPad Viewer

- Real time live view
- PTZ control is available



i-RAMS



IP List



Single View



PTZ Control



Quad View

Smart Backup



(DVR-RW)



(USB)

Multi level user management

- Maximum 30 users (ADMIN, USER1~30)
- Restriction for channel, PTZ control, Playback & Network



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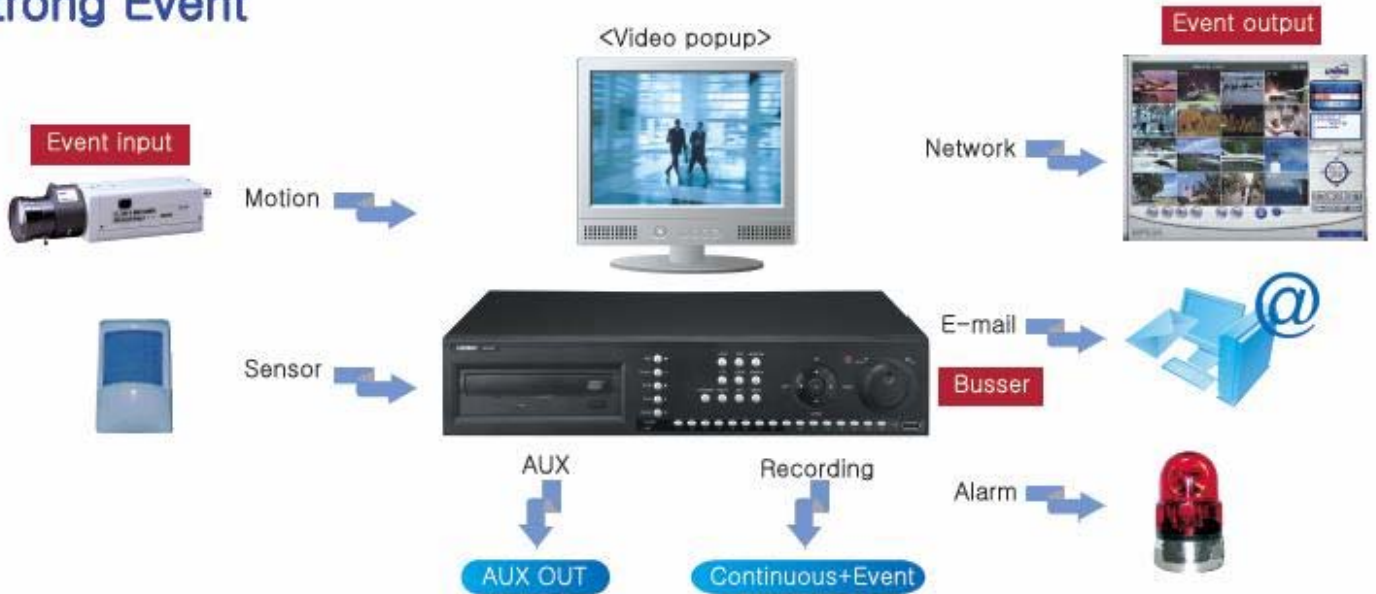
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Various Video Output



- Sopt output - only available on UDR-708E / UDR-716E

Strong Event



User Convenience



Jog/Shuttle



<Calendar search>

Search by calendar

2008 May

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31



KEY FEATURES

- Stable operation system (Embedded linux)
- H.264 Compression & web-transmission
- Real time recording & playback support
- Quadplex mode for simultaneous recording, playback, backup, and network transmission
- Remote viewing, access and control, backup through the network
- Dynamic IP support (DHCP & PPPoE) and DDNS server available
- CMS (Central Monitoring System) supports up to 128 channels
- Monitoring by Internet explorer and licensed software
- Alarm triggered E-mail alert support
- Various event notification (Video POP-Up, Icon, Buzzer, Relay Output)
- NTP (Network Time Protocol) support
- 1way-audio through the network
- Supports various alarm events : Motion detection, External sensors & Video loss detection
- Various back up method : USB, DVD RW, Network
- 4CH Audio recording, 8CH/16CH Audio(option)
- Multi Level User Management / Security password protection
- Recording status monitoring (Recording Warning, Recording Fail) support
- RS-232 Interface : Communication with console, quick & easy setup(UDR-708E/UDR-716E only)
- Easy software update via USB port, DVD RW, Network
- IR Remote control & Mouse Support
- Mobile viewer connection (iPhone, iPad, Blackberry, Android, Symbian)
- Smart Back-up
- System log data for all user activities
- Matrix function support(UDR-708E/UDR-716E only)
- Multi language support
- Loop through output with auto termination (UDR-708E/UDR-716E only)

COMPARISON TABLE

MODEL	7004T	7108	708E	7116	716E
Loop Through Out	X	X	Yes	X	Yes
Spot	X	X	Multi Screen	X	Multi Screen
Jog/Shuttle	X	X	Yes	X	Yes
External Key Board	X	Yes	Yes	Yes	Yes
Matrix	X	X	Yes	X	Yes
Daisy Chain	X	X	Yes	X	Yes
Codec	1(Semi Triple Stream)	1(Semi Triple Stream)	2(Triple Stream)	1(Semi Triple Stream)	2(Triple Stream)
Hard Disk	Max. 1 EA	Max. 1 EA (Optional 2 EA)	Max. 2 EA	Max. 1 EA (Optional 2 EA)	Max. 2 EA
DVD-RW	X	X	Yes	X	Yes
Backup	USB, Network	USB, Network	USB, DVD-RW, Network	USB, Network	USB, DVD-RW, Network
Power	External Built-in SMPS	External Built-in SMPS	Built-in	External Built-in SMPS	Built-in
Recording & Playback	100 fps at Full D1	200 fps at Half D1	200 fps at Half D1	400 fps at CIF	400 fps at CIF

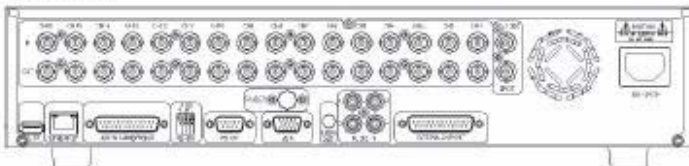


SPECIFICATIONS

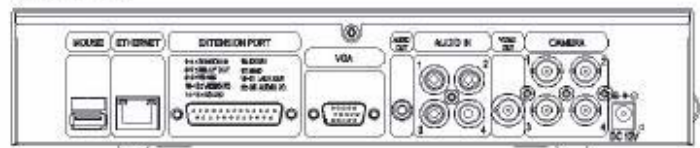
MODEL	UDR-7004T	UDR-7108	UDR-708E	UDR-7116	UDR-716E
Image System	NTSC/PAL Selectable				
Multi-Tasking	Quadplex				
Video Channel	4CH Composite, BNC	8CH Composite, BNC	8CH Composite, 8CH Loop Through, BNC	16CH Composite, BNC	16CH Composite, 16CH Loop Through, BNC
Video Output	1CH BNC, VGA	1CH BNC, 1CH SPOT, VGA	1CH BNC, 1CH SPOT(Multi), VGA	1CH BNC, 1CH SPOT, VGA	1CH BNC, 1CH SPOT(Multi), VGA
Video Compression	H.264				
Recording Resolution	720x576, 720x288, 352x288 (PAL)				
Recording Quality	4 Levels (Normal, Enhanced, Fine, Super Fine)				
Max Display Speed	100 fps (PAL)	200 fps (PAL)		400 fps (PAL)	
Max Recording Speed	100 fps at Full D1 (PAL)	200 fps at Half D1 (PAL)		400 fps at CIF (PAL)	
Time Lapse Recording Interval(fps)	1, 2, 3, 4, 5, 7, 9, 13, 20, 25 (PAL 10 steps)				
Recording Mode	Schedule, Event (Sensor, Motion Detection), Manual, Continuous, Continuous+Event				
Playback Search	Calendar, Event (Sensor, Motion Detection)				
Playback Speed	x1, x2, x4, x8, x16, x32, x64, x128 Field by Field (Forward, Backward)				
Slow Motion	x1/4, x1/2 (Forward Only)				
Sensor Input	4(NO/NC Selectable)	8(NO/NC Selectable)		16(NO/NC Selectable)	
Alarm Output(Relay)	1 Relay (NC/NO), 4 TTL				
Audio In/Out	4CH In, 1CH Out	4CH In(8CH Option), 1CH Out		4CH In(16CH Option), 1CH Out	
Network	10/100 Base-T(Static, DHCP, PPPoE, E-Mail), DDNS Server Available, Semi Triple Stream (UDR-7004T/UDR-7108/UDR-7116), Triple Stream(UDR-708E/UDR-716E)				
Motion Detection	22x18(PAL), 8 Level Sensitivity				
Jog/Shuttle	X	X	Yes	X	Yes
Hard Disk	Max. 1 EA	Max. 1 EA(Optional 2EA)	Max. 2 EA	Max. 1 EA(Optional 2EA)	Max. 2 EA
Backup	USB, Network	USB, Network	USB, DVD-RW, Network	USB, Network	USB, DVD-RW, Network
External Key Board Control	X	Yes	Yes	Yes	Yes
Daisy Chain Out	X	X	Yes	X	Yes
Watermarking	Still Image Backup				
PTZ Control	RS-485				
Serial Port	RS-232 (UDR-708E / UDR-716E only)				
System Log	Video Loss, Power ON/OFF, HDD Full, REC Warning, REC Fail, Menu Called, Reset HDD Format, Reset S/W Upgrade, E-Mail Fail				
Language	Korean, English, Chinese, French, Spanish, German, Polish, Italian, Russian, Slovak, Turkish, Czech, Norwegian, Estonian, Danish				
S/W Upgrade	Network, USB Memory Stick	Network, USB Memory Stick	Network, USB Memory Stick, DVD-RW	Network, USB Memory Stick	Network, USB Memory Stick, DVD-RW
Password Function	Power OFF, MENU, Record OFF, Key Lock				
Power Source	Free Voltage(100-240VAC, 50Hz/60Hz) Using Adaptor(2V/DC)	Free Voltage(100-240VAC, 50Hz/60Hz) Using Adaptor(2V/DC)	Free Voltage (100-240 VAC, 50Hz/60Hz, 70W)	Free Voltage(100-240VAC, 50Hz/60Hz) Using Adaptor(2V/DC)	Free Voltage (100-240 VAC, 50Hz/60Hz, 70W)
Dimension	280mm(W) x 320mm(D) x 54mm(H)	340mm(W) x 296mm(D) x 76mm(H)	433mm(W) x 385mm(D) x 88mm(H)	340mm(W) x 296mm(D) x 76mm(H)	433mm(W) x 385mm(D) x 88mm(H)
Operating Temperature	5°C - 40°C				
Weight	3.5 Kg (Net)	4.5 Kg (Net)	7 Kg (Net)	4.5 Kg (Net)	7 Kg (Net)

* Design and Specifications are subjected to change without notice.

716E Back



7004T Back



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