

	DVR4L1	DVR4MQAEE	DVR4MQAE	DVR8N2	DVR16N
Video system	NTSC/PAL (switchable)	NTSC/PAL (switchable)	NTSC/PAL (switchable)	NTSC/PAL (switchable)	NTSC/PAL (switchable)
Video compression format					
Frame	MPEG4	MJPEG	MPEG4	MPEG4	MPEG4
CIF	MPEG4	MPEG4	MPEG4	MPEG4	MPEG4
Video input	4 Channels	4 Channels	4 Channels	8 Channels	16 Channels
Video Loop Out	0 Channels	4 Channels	4 Channels	8 Channels	0 Channels
Max Recording rate					
Frame					
NTSC	N/A	720 x 480 / 30IPS	720 x 480 / 30IPS	720 x 480 / 60IPS	720 x 480 / 30IPS
PAL	N/A	720 x 576 / 25IPS	720 x 576 / 25IPS	720 x 576 / 50IPS	720 x 576 / 25IPS
CIF					
NTSC	360 x 240 / 120IPS simplex, 40IPS duplex	352 x 240 / 120IPS	352 x 240 / 120IPS	352 x 240 / 240IPS	352 x 240 / 120 IPS
PAL	360 x 288 / 100IPS simplex, 32 IPS duplex	352 x 288 / 100IPS	352 x 288 / 100IPS	352 x 288 / 200IPS	352 x 288 / 100 IPS
Adjustable Recording speed					
Frame					
NTSC	N/A	30/15/7/3 IPS	30/15/7/3 IPS	60/30/15/7 IPS	30/15/7/3 IPS
PAL	N/A	25/12/6/3 IPS	25/12/6/3 IPS	50/25/12/6 IPS	25/12/6/3 IPS
CIF					
NTSC	simplex mode: 120/60/30 IPS, duplex mode: 40/28/20 IPS	120/60/30/15 IPS	120/60/30/15 IPS	240/120/60/30 IPS	120/60/30/15 IPS
PAL	simplex mode: 100/50/25 IPS, duplex mode: 32/24/16 IPS	100/50/25/12 IPS	100/50/25/12 IPS	200/100/50/25 IPS	100/50/25/12 IPS
Image Quality Setting	Best, High, Normal, Basic	Best, High, Normal, Basic	Best, High, Normal, Basic	Best, High, Normal, Basic	Best, High, Normal, Basic
Hard Disk Storage	IDE type, ATA66, supported HDD*1	IDE type, ATA66, supported HDD*1	IDE type, ATA66, supported HDD*1	IDE type, ATA66, supported HDD*3	IDE type, ATA66, supported HDD*2
	Support each HDD capacity over 750GB	Support each HDD capacity over 750GB	Support each HDD capacity over 750GB	Support each HDD capacity over 750GB	Support each HDD capacity over 750GB
HDD Quick Cleaning	750GB under 2 seconds	750GB under 2 seconds	750GB under 2 seconds	750GB under 2 seconds	750GB under 2 seconds
Recording Mode	Manual/Timer/Motion	Manual/Timer/Motion/Alarm/Remote	Manual/Timer/Motion/Alarm	Manual/Timer/Motion/Alarm/remote	Manual/Timer/Motion/Alarm/remote
Watermark	no	yes	yes	yes	yes
Refresh rate					
NTSC	120IPS	120IPS	120IPS	240IPS	480IPS
PAL	100IPS	100IPS	100IPS	200IPS	400IPS
RETR*	no	no	no	yes	no
Audio I/O	1 x Input, 1 x Output (Mono)	1 x Input, 1 x Output (mono)	4 x Input, 2 x Output (Mono)	4 x Input, 2 x output (mono)	4 x Input, 1 x output (mono)
Multiplex operation	live display/record/playback/backup/network	live display/record/playback/backup/network	live display/record/playback/backup/network	live display/record/playback/backup/network	live display/record/playback/backup/network
Motion Detection Area	16 x 12 grid per camera	16 x 12 grid per camera	16 x 12 grid per camera	16 x 12 grid per camera	16 x 12 grid per camera
Motion Detection Sensitivity	4 adj variables with precise calculation for motion detection	4 adj variables with precise calculation for motion detection	4 adj variables with precise calculation for motion detection	4 adj variables with precise calculation for motion detection	4 adj variables with precise calculation for motion detection
Pre-Alarm Recording	Yes (2Mb)	Yes (8Mb)	Yes (8Mb)	Yes (8Mb)	Yes (8Mb)
Backup device	USB flash disk backup & network remote backup	Network remote backup	USB flash disk & network remote	USB flash drive, network remote? CD-RW & DVD-RW	USB flash disc & network remote
Web transmitting/Compr Form	MPEG4	Motion JPEG	Motion JPEG	Motion JPEG	MPEG4
Ethernet	10/100 Base-T	10/100 Base-T	10/100 Base-T	10/100 Base-T	10/100 Base-T
Mobile Surveillance	No	No	Support GPRS to access the system via mobile phone (require J2ME, MIDP2.0)	Support GPRS to access the system via mobile phone (require J2ME, MIDP2.0)	No
Web interface	Supported licensed software AP and IP browser	Supported licensed software AP and IP browser	Supported licensed software AP and IP browser	Supported licensed software AP and IP browser	Supported licensed software AP and IP browser
Remote Alarm notification	E-mail images upload images to FTP sites	E-mail images upload images to FTP sites	E-mail images upload images to FTP sites	E-mail images upload images to FTP sites	E-mail images upload images to FTP sites
Network connection	Support TCP/IP, PPPoE, DHCP, DDNS	Support TCP/IP, PPPoE, DHCP, DDNS	Support TCP/IP, PPPoE, DHCP, DDNS	Support TCP/IP, PPPoE, DHCP, DDNS	Support TCP/IP, PPPoE, DHCP, DDNS
USB interface	1 x on rear panel	None	1 x on front panel	Front panel x 1, rear panel x 1	1 x on front panel
Remote control	no remote control	no remote control	Remote control DVR and PTZ via IR transm. (DVRRC)	Remote control DVR and PTZ via IR transm. (DVRRC)	Remote control DVR (DVRRC2 (incl.))
PTZ control*	N/A	Support AVTECH / PELCO-D protocol RS485	Support AVTECH / PELCO-D protocol RS485	Support AVTECH / PELCO-D protocol RS485	N/A
Dwell Time	Programmable	Programmable	Programmable	Programmable	Programmable
Alarm I/O	N/A	4 inputs, 1 output	4 inputs, 1 output	8 inputs, 1 output	16 inputs, 1 output
Digital zoom	2 x digital zoom	2 x digital zoom	2 x digital zoom	2 x digital zoom	2 x digital zoom
Key lock	No	No	Yes	Yes	Yes
Video Loss detection	Yes	Yes	Yes	Yes	Yes
Camera Title	Support up to 6 letters	Support up to 6 letters	Support up to 6 letters	Support up to 6 letters	Support up to 6 letters
Video Adjustable	Hue/color/contrast/brightness	Hue/color/contrast/brightness	Hue/color/contrast/brightness	Hue/color/contrast/brightness	Hue/color/contrast/brightness
Date display format	YY/MM/DD, DD/MM/YY, MM/DD/YY and off	YY/MM/DD, DD/MM/YY, MM/DD/YY and off	YY/MM/DD, DD/MM/YY, MM/DD/YY and off	YY/MM/DD, DD/MM/YY, MM/DD/YY and off	YY/MM/DD, DD/MM/YY, MM/DD/YY and off
Daylight saving	yes	yes	yes	yes	Yes
Power source	DC 19V	DC 19V	DC 19V	DC 19V	DC 19V
Power consumption	<42W	<42W	<42W	<64W	<64W
Operating temperature	10°C - 40°C	10°C - 40°C	10°C - 40°C	10°C - 40°C	10°C - 40°C
Dimensions	343 x 59 x 223mm	345 x 68.3 x 225mm	343 x 59 x 223mm	432 x 90 x 326mm	430 x 65 x 300mm
System recovery	automatic after power reconnected	automatic after power reconnected	automatic after power reconnected	automatic after power reconnected	automatic after power reconnected
D/V Output	No	No	No	Yes (YASMONS can convert D/V to VGA)	No
DVD writer	No	No	No	Yes	No

RETR = Remote Event Trigger Recording
PTZ = Pan Tilt Zoom