

	DVR4MQAE	DVR4MQAEB	DVR4MQAEE	DVR8	DVR8N
<b>Video system</b>	NTSC/PAL (switchable)	NTSC/PAL (switchable)	NTSC/PAL (switchable)	NTSC/PAL (switchable)	NTSC/PAL (switchable)
<b>Video compression format</b>					
<b>Frame</b>	MPEG4	MPEG4	MJPEG	MPEG4	MPEG4
<b>CIF</b>	MPEG4	MPEG4	MPEG4	MPEG4	MPEG4
<b>Video input</b>	4 Channels	4 Channels	4 Channels	8 Channels	8 Channels
<b>Video Loop Out</b>	4 Channels	4 Channels	4 Channels	8 Channels	8 Channels
<b>Max Recording rate</b>					
<b>Frame</b>					
<b>NTSC</b>	720 x 480 / 30IPS	720 x 480 / 30IPS	720 x 480 / 30IPS	720 x 480 / 60IPS	720 x 480 / 60IPS
<b>PAL</b>	720 x 576 / 25IPS	720 x 576 / 25IPS	720 x 576 / 25IPS	720 x 576 / 50IPS	720 x 576 / 50IPS
<b>CIF</b>					
<b>NTSC</b>	352 x 240 / 120IPS	352 x 240 / 120IPS	352 x 240 / 120IPS	352 x 240 / 240IPS	720 x 480 / 240IPS
<b>PAL</b>	352 x 288 / 100IPS	352 x 288 / 100IPS	352 x 288 / 100IPS	352 x 288 / 200IPS	720 x 576 / 200IPS
<b>Adjustable Recording speed</b>					
<b>Frame</b>					
<b>NTSC</b>	30/15/7/3 IPS	30/15/7/3 IPS	30/15/7/3 IPS	60/30/15/7 IPS	60/30/15/7 IPS
<b>PAL</b>	25/12/6/3 IPS	25/12/6/3 IPS	25/12/6/3 IPS	50/25/12/6 IPS	50/25/12/6 IPS
<b>CIF</b>					
<b>NTSC</b>	120/60/30/15 IPS	120/60/30/15 IPS	120/60/30/15 IPS	240/120/60/30 IPS	240/120/60/30 IPS
<b>PAL</b>	100/50/25/12 IPS	100/50/25/12 IPS	100/50/25/12 IPS	200/100/50/25 IPS	200/100/50/25 IPS
<b>Image Quality Setting</b>	Best, High, Normal, Basic	Best, High, Normal, Basic	Best, High, Normal, Basic	Best, High, Normal, Basic	Best, High, Normal, Basic
<b>Hard Disk Storage</b>	IDE type, ATA66, supported HDD*1	IDE type, ATA66, supported HDD*1	IDE type, ATA66, supported HDD*1	IDE type, ATA66, supported HDD*2	IDE type, ATA66, supported HDD*3
	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
<b>HDD Quick Cleaning</b>	750GB under 2 seconds	750GB under 2 seconds	750GB under 2 seconds	750GB under 2 seconds	750GB under 2 seconds
<b>Recording Mode</b>	Manual/Timer/Motion/Alarm	Manual/Timer/Motion/Alarm	Manual/Timer/Motion/Alarm/Remote	Manual/Timer/Motion/Alarm	Manual/Timer/Motion/Alarm/remote
<b>Watermark</b>	yes	yes	yes	yes	yes
<b>Refresh rate</b>					
<b>NTSC</b>	120IPS	120IPS	120IPS	240IPS	240IPS
<b>PAL</b>	100IPS	100IPS	100IPS	200IPS	200IPS
<b>RETR*</b>	no	no	no	yes	yes
<b>Audio I/O</b>	4 x Input, 2 x Output (Mono)	2 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)
<b>Multiplex operation</b>	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
<b>Motion Detection Area</b>	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
<b>Motion Detection Sensitivity</b>	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
<b>Pre-Alarm Recording</b>	Yes (8Mb)	Yes (8Mb)	Yes (8Mb)	Yes (8Mb)	Yes (8Mb)
<b>Backup device</b>	USB flash disk backup & network remote backup	USB flash disk backup & network remote backup	Network remote backup	USB flash disk backup & network remote backup	USB flash drive, network remote and CD-RW
<b>Web transmitting/Compr Form</b>	Motion JPEG	Motion JPEG	Motion JPEG	Motion JPEG	Motion JPEG
<b>Ethernet</b>	10/100 Base-T	10/100 Base-T	10/100 Base-T	10/100 Base-T	10/100 Base-T
<b>Mobile Surveillance</b>	Support GPRS to access the system via mobile phone (require J2ME, MIDP2.0)	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)
<b>Web interface</b>	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
<b>Remote Alarm notification</b>	E-mail images	E-mail images	E-mail images	E-mail images	E-mail images
	upload images to FTP sites	upload images to FTP sites	upload images to FTP sites	upload images to FTP sites	upload images to FTP sites
<b>Network connection</b>	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
<b>USB interface</b>	1 x on front panel	1 x on rear panel	None	Front panel x 1, rear panel x 1	Front panel x 1, rear panel x 1
<b>Remote control</b>	Remote control DVR and PTZ via IR transm. (DVRRC)	Remote control DVR and PTZ via IR transm. (DVRRC)	no remote control	Remote control DVR and PTZ via IR transm.	Remote control DVR and PTZ via IR transm.
<b>PTZ control</b>	Support AVTECH / PELCO-D protocol	Support AVTECH / PELCO-D protocol	Support AVTECH / PELCO-D protocol	Support AVTECH / PELCO-D protocol	Support AVTECH / PELCO-D protocol
<b>IR transmitter</b>	DVRRC	DVRRC	N/A	Inclusive	Inclusive
<b>Dwell Time</b>	Programmable	Programmable	Programmable	Programmable	Programmable
<b>Alarm I/O</b>	4 inputs, 1 output	4 inputs, 1 output	4 inputs, 1 output	8 inputs, 1 output	8 inputs, 1 output
<b>Digital zoom</b>	2 x digital zoom	2 x digital zoom	2 x digital zoom	2 x digital zoom	2 x digital zoom
<b>Key lock</b>	Yes	Yes	Yes	Yes	Yes
<b>Video Loss detection</b>	Yes	Yes	Yes	Yes	Yes
<b>Camera Title</b>	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
<b>Video Adjustable</b>	Hue/color/contrast/brightness	Hue/color/contrast/brightness	Hue/color/contrast/brightness	Hue/color/contrast/brightness	Hue/color/contrast/brightness
<b>Dare display format</b>	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
<b>Daylight saving</b>	yes	yes	yes	yes	yes
<b>Power source</b>	DC 19V	DC 19V	DC 19V	DC 19V	DC 19V
<b>Power consumption</b>	<42W	<42W	<42W	<64W	<64W
<b>Operating temperature</b>	10° C - 40° C	10° C - 40° C	10° C - 40° C	10° C - 40° C	10° C - 40° C
<b>Dimensions</b>	343 x 59 x 223mm	343 x 59 x 223mm	345 x 68.3 x 225mm	432 x 90 x 326mm	432 x 90 x 326mm
<b>System recovery</b>	automatic after power reconnected	automatic after power reconnected	automatic after power reconnected	automatic after power reconnected	automatic after power reconnected
<b>D/V Output</b>	VASMON2	VASMON2	VASMON2	VASMON2	VASMON2
<b>CD Writer</b>	no	no	no	yes	yes
<b>DVD writer</b>	no	no	no	yes	no
<b>PTZ control</b>	yes (RS485)	yes (RS485)	yes (RS485)	yes (RS485)	yes (RS485)

RETR = Remote Event Trigger Recording