

AVT – 1648 DIGIGUARD



Beneficios

- ◆ **DVR de Tecnología MPEG-4**
 - Compresión de MPEG-4 que brinda una imagen clara y un performance excelente en tiempo real.
 - La transmisión es más rápida.
- ◆ **Interfaz Gráfica en los Menús para una operación más amigable**
- ◆ **Operación independiente de manera remota**

Te permite visualizar canales de manera independiente sin cambiar la vista local
- ◆ **Calidad de imagen mejorada via internet**

La imagen remota es más clara.
- ◆ **Grabación remota instantánea para grabar momentos específicos**
- ◆ **Alta capacidad de almacenamiento, más de 1.5 TB (1500 MB)**

Con capacidad de hasta 3 discos duros
- ◆ **Funciones para backup mediante DVD-RW, red o USB 2.0**

➤ **Pentaplex**

Permite multifunciones como grabar , monitorear o buscar al mismo tiempo.

➤ **Grabación de manera inteligente por detección de movimiento**

Con esta modalidad avanzada, la seguridad esta garantizada

➤ **Alta capacidad de horas de grabación**

➤ **Posibilidad de uso de marcas de agua**

➤ **Sistema operativo multilinguaje**

➤ **Soporta la operación de cámaras PTZ con protocolo propietario de la marca o PELCO-D**

➤ **Opcionalmente se le puede colocar un VGA para visualizarlo en un monitor de PC o usar adaptadores de SATA a IDE para uso de otra tecnología de HD's**

Model	DG1648	DG0824	DG0412
Video System	NTSC / PAL (auto switchable)	NTSC / PAL (auto switchable)	NTSC / PAL (auto switchable)
Video Compression Format	MPEG-4	MPEG-4	MPEG-4
Video Input (Composite video signal 1 Vp-p 75Ω BNC)	16 Channels	8 Channels	4 Channels
Video Loop Output	16 Channels	8 Channels	4 Channels
Video Output	Composite video signal 1 Vp-p 75Ω BNC	Composite video signal 1 Vp-p 75Ω BNC	Composite video signal 1 Vp-p 75Ω BNC
Maximum Recording Rate	720×480 pixels with 120 IPS <NTSC> /	720×480 pixels with 60 IPS <NTSC> /	720×480 pixels with 30 IPS <NTSC> /

(Frame)	720×576 pixels with 100 IPS <PAL>	720×576 pixels with 50 IPS <PAL>	720×576 pixels with 25 IPS <PAL>
Maximum Recording Rate (Field)	720×240 pixels with 240 IPS <NTSC> / 720×288 pixels with 200 IPS <PAL>	720×240 pixels with 120 IPS <NTSC> / 720×288 pixels with 100 IPS <PAL>	720×240 pixels with 60 IPS <NTSC> / 720×288 pixels with 50 IPS <PAL>
Maximum Recording Rate (CIF)	352×240 pixels with 480 IPS <NTSC> / 352×288 pixels with 400 IPS <PAL>	352×240 pixels with 240 IPS <NTSC> / 352×288 pixels with 200 IPS <PAL>	352×240 pixels with 120 IPS <NTSC> / 352×288 pixels with 100 IPS <PAL>
Adjustable Recording Speed (Frame)	120, 60, 30, 15 IPS <NTSC> / 100, 50, 25, 12 IPS <PAL>	60, 30, 15, 7 IPS <NTSC> / 50, 25, 12, 6 IPS <PAL>	30, 15, 7, 3 IPS <NTSC> / 25, 12, 6, 3 IPS <PAL>
Adjustable Recording Speed (Field)	240, 120, 60, 30 IPS <NTSC> / 200, 100, 50, 25 IPS <PAL>	120, 60, 30, 15 IPS <NTSC> / 100, 50, 25, 12 IPS <PAL>	60, 30, 15, 7 IPS <NTSC> / 50, 25, 12, 6 IPS <PAL>
Adjustable Recording Speed (CIF)	480, 240, 120, 60 IPS <NTSC> / 400, 200, 100, 50 IPS <PAL>	240, 120, 60, 30 IPS <NTSC> / 200, 100, 50, 25 IPS <PAL>	30, 15, 7, 3 IPS <NTSC> / 25, 12, 6, 3 IPS <PAL>
Multilingual OSD	YES	YES	YES
Image Quality Setting	Best / High / Normal / Basic	Best / High / Normal / Basic	Best / High / Normal / Basic
Hard Disk Storage	Accommodate 3 HDDs or 2 HDDs plus 1 independent disk array* * HDDs and disk arrays are optional.	Accommodate 3 HDDs or 2 HDDs plus 1 independent disk array* * HDDs and disk arrays are optional.	Accommodate 1 HDD
HDD Quick Cleaning	Quick clean up the “index system” of the recorded files (750GB under 2 seconds)	Quick clean up the “index system” of the recorded files (750GB under 2 seconds)	Quick clean up the “index system” of the recorded files (750GB under 2 seconds)
Recording	Manual / Timer / Motion / Alarm /	Manual / Timer / Motion / Alarm /	Manual / Timer / Motion / Alarm /

Mode	Remote	Remote	Remote
Watermark	YES	YES	YES
Refresh Rate	480 IPS for NTSC / 400 IPS for PAL	240 IPS for NTSC / 200 IPS for PAL	120 IPS for NTSC / 100 IPS for PAL
Multiplex Operation	live display, record, playback, backup and network	live display, record, playback, backup and network	live display, record, playback, backup and network
Audio I/O	4 audio inputs, 2 audio outputs (Mono)	4 audio inputs, 2 audio outputs (Mono)	2 audio inputs, 1 audio output (Mono)
R.E.T.R. (Remote Event Trigger Recording)	YES	YES	YES
Remote Independent Operation	YES	YES	YES
Motion Detection Area	16 × 12 grids per camera for all channels	16 × 12 grids per camera for all channels	16 × 12 grids per camera for all channels
Motion Detection Sensitivity	4 adjustable variables with precise calculation for motion detection	4 adjustable variables with precise calculation for motion detection	4 adjustable variables with precise calculation for motion detection
Pre-alarm Recording	Yes (8 MB)	Yes (8 MB)	Yes (8 MB)
Backup Device	1. USB 2.0 flash drive; 2. Network; 3. DVD- RW drive	1. USB 2.0 flash drive; 2. Network; 3. DVD- RW drive	1. USB 2.0 flash drive; 2. Network; 3. DVD- RW drive
USB Interface	front panel * 1	front panel * 1	front panel * 1
Web Transmitting Compression	MPEG-4	MPEG-4	MPEG-4

Format			
Ethernet	10/100 Base-T. Support remote control and live view via Ethernet	10/100 Base-T. Support remote control and live view via Ethernet	10/100 Base-T. Support remote control and live view via Ethernet
Remote Operation Software	Licensed software AP, IE browser *Operating System: Windows 2000 and Windows XP	Licensed software AP, IE browser *Operating System: Windows 2000 and Windows XP	Licensed software AP, IE browser *Operating System: Windows 2000 and Windows XP
Remote Alarm Notification	Email images, and upload images to FTP site's specific account	Email images, and upload images to FTP site's specific account	Email images, and upload images to FTP site's specific account
Network Protocol	TCP/IP, PPPoE, DHCP and DDNS	TCP/IP, PPPoE, DHCP and DDNS	TCP/IP, PPPoE, DHCP and DDNS
IR Transmitter	YES	YES	YES
PTZ Control	YES	YES	YES
Dwell Time (Sequential Channel Switch)	Programmable with adjustable dwell time (3, 5, 10, 15 sec.)	Programmable with adjustable dwell time (3, 5, 10, 15 sec.)	Programmable with adjustable dwell time (3, 5, 10, 15 sec.)
Alarm I/O	16 inputs, 1 output	8 inputs, 1 output	4 inputs, 1 output
Picture Zoom	2X digital zoom	2X digital zoom	2X digital zoom
Key Lock	YES	YES	YES
Video Loss Detection	YES	YES	YES
Camera Title	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
Date Display	YY/MM/DD, DD/MM/YY,	YY/MM/DD, DD/MM/YY,	YY/MM/DD, DD/MM/YY,

Format	MM/DD/YY, and Off	MM/DD/YY, and Off	MM/DD/YY, and Off
Daylight Saving	YES	YES	YES
Power Source	DC 19V	DC 19V	DC 19V
Power Consumption	< 64 W	< 64 W	< 42 W
Operating Temperature	10°C ~ 40°C (50°F~104°F)	10°C ~ 40°C (50°F~104°F)	10°C ~ 40°C (50°F~104°F)
Dimensions (mm)	432mm (W) × 90mm (H) × 326mm (D)	432mm (W) × 90mm (H) × 326mm (D)	375mm (W) x 61mm (H) x 281mm (D)
System Recovery	System auto recovery after power reconnected	System auto recovery after power reconnected	System auto recovery after power reconnected
Optional Peripherals	Independent disk array, VGA converter, SATA converter	Independent disk array, VGA converter, SATA converter	VGA converter, SATA converter