

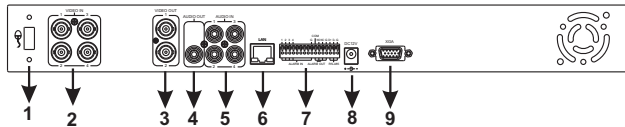
HA-646



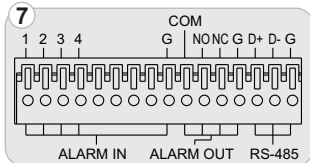
FEATURES

1. Modified H.264 technology providing highly compressed save file and maximized recording time.
2. GUI interface supported. May control from front panel / mouse / remote controller.
3. Multi motion detection areas
4. Adjustable OSD display position.
6. Max. real time recording frame of 120 (100) fps with 30 (25) fps on each channel.
7. Pentaplex function supported: Live/playback/recording/backup and network simultaneously.
8. Support 4 audio inputs and 4 video inputs synchronously.
9. Remote backup and playback on IE browser.
12. Independent setting on recording fps, resolution, contrast, and brightness on each channel.
13. Smart recording when motion triggered.
14. Adjustable VGA resolution output setting.

Rear Panel



- (1) MOUSE PORT.
- (2) VIDEO IN.
- (3) VIDEO OUT.
- (4) AUDIO OUT.
- (5) AUDIO IN.
- (6) LAN.



- (7) 1~8:ALARM IN.

G:GROUND.

COM:Relay COM output.

NO:Relay N.O. output.

NC:Relay N.C. output.

D+、D-:RS-485.

- (8) POWER INPUT:Please use the power supply enclosed.

The adaptor must be:DC 12V / 4A.

- (9) VGA Output.

SPECIFICATIONS

		NTSC	PAL
Video Format			
Video Input		4CH Input / BNC	
Audio Input		4CH Input / RCA	
Video Output		2CH Monitor Output / BNC	
Audio Output		1CH Output / RCA	
VGA Output		640x480、800x600、1024x768、1280x1024	
Alarm Input		4CH Alarm In	
Alarm Output		Buzzer、Relay Out(N.O or N.C)	
Display Mode		Full Screen, QUAD, Auto Switch	
Display Resolution		720 × 480	720 × 576
Recording Resolution	Highest	720 × 480	720 × 576
	High	720 × 240	720 × 288
	Normal	352 × 240	352 × 288
Recording frame	Highest	Max. 30 fps	Max. 25 fps
	High	Max. 60 fps	Max. 50 fps
	Normal	Max. 120 fps	Max. 100 fps
Compression Format		Modified H.264	
Operating System		Embedded Linux	
Pentaplex		Record / Playback / Network	
Recording Mode		Manual, Schedule, Event, Smart	
Schedule Recording		Full-Time, Motion, Alarm, No Recording	
Status Indicator (LED)		Power, HDD1, HDD2	
Event Mode		Alarm Trigger, Motion Trigger, Video Loss	
Playback		Recording Duration: OFF、1~30 sec.	
		Normal: x1	
		Fast Forward: x1/2 / x2 / x4 / x8 / x16 multiple speed	
		Fast Rewind: x2 / x4 / x8 / x16 multiple speed	
		Move 1 still image at 1 push of the button	
		(STILL Controller): Forward/ Rewind	
		Searching Function: Time / Event	
Network Protocol		TCP/IP / PPPoE / DHCP / SMTP / DDNS	
Communication Protocol		RS-485	
HDD type		SATA 3.5" * 2 pcs (Not included)	
HDD Management		Automatic Formatting by System (Pre-Formatting Not Required)	
PTZ Control		Internal Communication Protocol (PELCO P, PELCO D, MIKAMI)	
		RS-485 interface Control	
Backup Device		USB 1.1/2.0	
Firmware Update		USB Host	
Multi-Language		English/ Chinese/ Others	
Control Mode		Panel/ IR Remote Controller/USB Mouse (GUI)/ LAN	
Network Control		IE Browser	
Network Function		Live Play/ Playback/ PTZ Control	
Power Supply		DC 12V/4.1A(AC100V~240V 50/60HZ)	
Unit Dimension		43 (W)x30.7 (D)x4.8 (H) cm	
Weight		3.5KG (No Hard Disk)	

