

High quality DVR to regard for user convenience

ANX-410HM

Mobile and Extreme DVR



- 01_ H.264 4CH 2CIF at 120ips
- 02_ Quadruplex : Record, Playback, Network and Copy Simultaneously
- 03_ Multi-Screen Playback
- 04_ Built-in SRAM for SD index
- 05_ 2 SD memory cards in front. Expands up to 4 SD memory cards optionally
- 06_ Built-in SMPS : 9V~35V Input & 12V 1.5A Output
- 07_ Operation Temp : -20°C ~ 60°C
- 08_ Approval : EMC, Class B

Mobile Extreme



- ⊙ Live and playback images are overlaid with GPS and driving information and Media Viewer can interlock Google map.
- ⊙ Power Saving Mode: DVR can keep the power on until 11.5V of car battery even if the car engine is turned off.
- ⊙ Protection circuit insertion: Protects the DVR from damage caused by over voltage input of specification (over 35V) and +, - incorrect connection of main power.



- ⊙ Consumer type and Compact size
- ⊙ Vending Machine
- ⊙ ATM
- ⊙ A drawer



Specifications

ANX-410HM(Mobile DVR)

VIDEO		ANX-410HM	
Video Input		4CH (BNC)	
Input Level		1.0Vp-p±10% Composite, 75Ω Balanced	
Loop Through Output		Not supported	
Video Standard		NTSC, PAL, AUTO	
Main Monitor Output		1.0 Vp-p Composite, 75Ω Balanced	
Analog Spot Monitor Output		Not supported	
Camera Name		Max. 8 characters	
Screen Split Control		1, 4	
Screen Rotate Control		1~60 Seconds	
Display	Resolution	NTSC	720(H) x 480(V)
		PAL	720(H) x 576(V)
	Speed	NTSC	120 frames(Every CH Real Time)
		PAL	100 frames(Every CH Real Time)
Function		Auto sequence, 1, 4 split, PIP	
AUDIO			
Compression		ADPCM	
Audio Input (Line)		1CH (RCA)	
Input Level		0.5~1.4Vp-p@20kΩ	
Audio Output (Line)		3.5mm Stereo Mini Jack	
RECORDING			
Compression		H.264	
Resolution	NTSC	720(H) x 480(V) 720(H) x 240(V) 360(H) x 240(V)	
	PAL	720(H) x 576(V) 720(H) x 288(V) 360(H) x 288(V)	
Speed	NTSC	360 x 240	Max. 120 Images(CIF)
		720 x 240	Max. 120 Images(Half D1)
		720 x 480	Max. 60 Images(D1)
	PAL	360 x 288	Max. 100 Images(CIF)
		720 x 288	Max. 100 Images(Half D1)
		720 x 576	Max. 50 Images(D1)
Duplex or Triplex		Quadruplex	
Each CH	Frame Setting	Available	
	Event, Normal	Available	
	Resolution	Available	
	Quality	Changed at 4 level(Low,Normal,Fine,Best)	
Setup per Channel		Individual	
Record Limit		Automatic data delete for privacy	
Data Size		1~3KB(CIF), 3~7KB(D1/2), 6~15KB(D1)	
Recording Mode		Normal(Continuous),Event (Motion detection, Sensor,Video loss),Schedule	
Pre-Alarm		5 Seconds(considering 30sec, even 2min)	
Watermark		Support	
Schedule		24 groups per day by an hour, Holidays are same as Sunday	
Summer Time		Support	
SD	Internal Storage	2 SD memory cards in front	
	Optional board	4 SD expansion board	
GPS board(Optional1)		GPS	
SD Bay Interface(Optional2)		4 SD EXP + GPS	
SEARCHING & PLAYBACK			
Searching Method		Time, Calendar, Event, (Copied) File,Text	
Playback		1, 2, 4, 16, 32, 64, 128 velocity 1/2, 1/4, 1/16, 1/32, 1/64, 1/128	
COPY DEVICE			
Internal CD/ DVD±RW		Not supported	
Media Support		USB memory stick, External USB HDD/ CD-R/ CD RW/ DVD±RW/ DVD RAM	
USB 2.0		1 port(Front)	
Copied File Compatibility with PC (Windows)		Compatible	

MULTI-REMOTE SURVEILLANCE			
Monitoring Environment		Client software / CMS for mobile DVR / SD viewer	
Transmission Rate		Max. 120ips(CIF) full motion transmission	
Search		Supporting multi-client(16 clients accessible)	
SYSTEM MONITORING & RECOVERY			
System Logging		Power Failure Checkable/ Menu Change/ Network connection	
Monitoring		Software Watchdog	
Recovery		Auto-Reboot By Watchdog Automatic Database Recovery	
CONNECTOR			
Video Input		4CH BNC	
A(line)/V(composite) Output		3.5mm Stereo Mini Jack (Rear)	
Audio Input(Line)		1CH(RCA)	
Serial port for Modem(RS-232C) (Optional)		9 pin D-sub	
RS-485 for External Control & PTZ		2 pins (Box connector) / (Terminal block)	
VGA output / RS-232C(Optional)		15 pins D-sub/ RS 232C	
Sensor Input		4CH (Box connector) / (Terminal block) (Including Ground 1 pin)	
Alarm Output		1 Relay output: 2 pins terminal block(NO, Common)	
Ethernet		RJ-45, 10/100Mbps	
USB 2.0		1 port(Front)	
Camera Power Output		12V, 1.5A(Voltage Regulated)	
ELECTRICAL			
Power Source		DC 9V~35V, Max. 5A	
Power Consumption		Approx. 10 Watts (Including 2 SD memory cards)	
ENVIRONMENTAL			
Operating Temp.		-20°C ~ +60°C / 0°C ~ +60°C	
Storage Temp.		-20°C ~ +60°C	
Humidity		30~90%RH (Non-Condensing)	
PHYSICAL			
Construction	Shape	Steel Case	
	Material	Steel Case	
Body Color		Black with Tact Switch Button(10 Buttons)	
Dimension		200(W) x 110(D) x 30(H) mm	
Weight		Approx. 1.5kg	
BACKUP			
Digital Backup		Not supported	
Backup Method		Not supported	
ALARM			
Sensor Input		4CH (Box connector)/(Terminal block) (Including Ground 1 pin)	
Alarm Output		1 Relay output: 2 pins terminal block(NO, Common)	
Motion Detection		Available For Each Camera Multi-Detection Level	
OTHERS			
Fan		Supported	
Accessories		1 pair wire to 4 DC out plug cable for camera power, GPS Antenna with MCX Type Plug (Option 1 & 2), CD(manual), IR remote controller	
Camera power control		supported	
OS		Embedded Linux	
Firmware update		Updated by USB or Network	
Menu Type		Graphic + Text	
Language(13 kinds)		English,Korean,Japanese,Polish ,Spanish,Russian,Chinese, Taiwanese,French,Turkish,German,Italian,Portuguese	
Control Device		Front key, Remote controller, External controller via RS-485	
PTZ(16 kinds)	SPD (Samsung Techwin)	VC-C4R (Cannon)	
	SD-290 (Smile CAM)	PELCO D-TYPE (Pelco)	
	DSC-230S (Dongyang Unitech)	DMP23 (DAIWA)	
	PELCO P-TYPE (Pelco)	BOSCH	
	TK-C655/676 (JVC)	EZ PROTOCOL (Vitek)	
PCS-SERIES	GE		
Number of Event list / Log list		50,000 / 20,000 per SD	

* These Specifications can be changed.

SYSTEM DIAGRAM

