



# Multimedia 19" 4CH / 8CH LCD DVR

## Where to install your Combo DVR?



Monitor your assets such as towed cars, home and cars. Monitor your store and cash register against shoplifters. Monitor your store and cash register places such as the entrance and lobby. Monitor your store and cash register places such as the entrance and lobby. Monitor all your assets before, during and after business hours. Monitor all your employees and assets against any wrongdoings.

- **PIP**
- **IE browser**
- **Multiple control**
- **3D Comb Filter**
- **Wall / Desk Multiple installation**
- **All in One Design Keypad**

\* Picture-In-Picture feature that allow multi-picture display  
\* PIP Swap: This function allows the position of PIP to be exchanged.



\* IE browser supported for remote monitoring / recording / playback / PTZ control



\* Multiple operation control: Mouse/ IR controller/ front panel



\* Built-in 3D comb filter and 3D de-interlace for crispy picture performance  
\* Fast response time and refresh rate without time lagging.



3D Comb Filter Existing display

\* VESA standards (100mm X 100mm) bracket



Wall Mountable Desk

\* Integrate DVR and LCD Control Key into a Simple Keypad



\* Coarse & Crude  
\* Piece together



Camouflage expert DVR



Feature

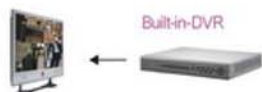
- 19" LCD built-in 4 CH DVR / 8 CH DVR
- M-JPEG : Recording / Playback
- MPEG-4 : Transmitting over Internet
- 4 / 8Channel 60(50)FPS recording Capability
- 1 Channel Audio recording
- Multi functional: Record / Playback / Backup / Network / AV mode / PIP Mode Swap
- Multi Languages OSD
- IR Remote Controller
- USB (Device) port for firmware upgrade and backup
- Easy PTZ dome control
- Remote control by Network viewer and IE browser
- Support DDNS (Dynamic Domain Name Server)
- Operate by front panel / mouse / remote controller

System application



Multimedia 2 + 1

19" LCD, Built-in DVR



The 4/8-Channel Video Built-in DVR feature along with the 19" LCD allows for 720 hours of recording with the Time-Lapse Mode all without any external video recorder.

AV mode selectable



Supporting DVR and AV mode chooses. User in addition to monitoring environment appearance, can choose AV mode to appreciate DVD movie or play game station etc in the meantime

Audio function



The audio feature, you never miss the importance communication voice when an event happens. Also supports backup file includes audio to be evidence.

Remote Monitoring through Network



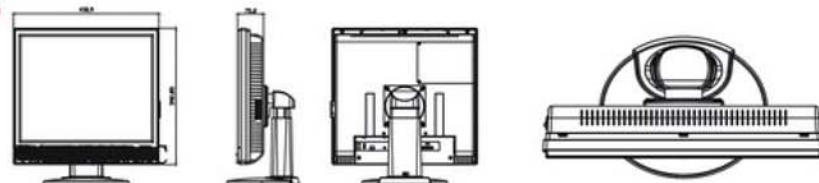
Allows user to operate OSD control, channel select, monitoring and playback mode over the Internet through various bandwidth networks such as PPPoE, DHCP, DSL, and LAN to monitor your all environments. (Client viewer software and IE browser supported)

Easy Back Up (USB 2.0 interface)



The easy back-up system allows user to save recorded video data onto USB storage. Video clip could be export to AVI file format with client viewer.

Dimension



Specification

Monitor Specification	
Front Control	Source / Menu / ESC / Enter / Play / Rec
Display Resolution (Dot)	1280 x 1024
Active Area (mm)	376.32(H) x 301.056(V)
Dot Pitch (mm)	0.294 x 0.294mm
LCD Profile Ratio	5:4
Display Color	16.7M
Brightness (Central)	300cd/m <sup>2</sup> (*1)
Contrast Ratio	800 : 1 Typ
Viewing Angle	Left 80° / Right 80° / Up 80° / Down 80° CR≥10
Response Time	5ms
Input Voltage	96-256Vac, 60Hz / 50Hz
Input / Output Signal	1Vp-p composite video
Input / Output Impedance	75 ohm
Operating System	
NTSC	525 lines, 60 fields / sec.
PAL	625 lines, 50 fields / sec.
Connection	
Video Input/ Output	RCA x 1 / RCA x 1
Audio Input/ Output(L/R)	Earphone x 1 / Earphone x 1
Speaker	2W + 2W
Power Consumption	60W(Max.)

(\*1) The brightness spec. is from panel spec. Design and Specifications are subject to change without notice.

DVR Specification	
System	NTSC / PAL / Auto
Input	4 / 8CH input 1.0Vp-p, 75ohm unbalanced (BNC type)
S/N Ratio	More than 40dB
Color	16.7 million
Monitoring Method	
Display Channel	1 / 4 / 9
Sequence Display	Available
Display Resolution	NTSC: 640 x 448 ; PAL : 640 x 544
Display Rate	120 fps (NTSC) / 100fps (PAL) / 240fps (NTSC) / 200fps (PAL)
Recording / Play Function	
Recording rate	NTSC: Max 60~0 fps; PAL: Max 50~0 fps
Recording Resolution	NTSC: 640 x 224 ; PAL : 640 x 272
Record Quality	High / Normal / Low
Compression Method	Storage: M-JPEG, network / internet: MPEG-4
Recording Mode	Auto / manual / schedule / motion / alarm
Playback Mode	Time list / Event list / Date & Time search
Other Function	
Operation	Record / Play / Network
Motion Detect	16 x 16 grids camera for all channel
Alarm Function	4 / 8 input / 1 output
Backup	USB 1.1/2.0 Full Speed memory and network remote backup
Storage	HDD x 1
Audio Input	RCA x 1
HDD Record Mode	Full stop / overwrite
PTZ Control	PELCO-D, PELCO-P, MERIT LI-LIN
Key Lock	Yes
Real Time Clock (RTC)	Support NTP (Network Time Protocol), Daylight Saving Time
Network Function	
Ethernet	10/100 Base-T
Web Interface	Support licensed software AP / IE
Network Connection	TCP/IP, PPPoE, DHCP, DDNS
Client Application	Display / Playback / DVR control / PTZ Control