

UM9500

Model UM9508, UM9516

Specifications

Function

No. of cameras	8,16
Display format	1, 4, 6, 7, 9, 10, 13, 16, PIP1, PIP2
Image output	Dynamic video display
Multiplex mode	Quadruplex (Live/Record/Playback/Ethernet)
Display resolution	720x480 (NTSC), 720x576 (PAL)
Display frame rate	UM9516: NTSC 480 fps, PAL 400 fps UM9508: NTSC 240 fps, PAL 200fps
Color	16M colors (Y:8, U:8, V:8) 4:2:2
Main monitor output	BNC, S_Video, or VGA
Size of camera title	16 characters per camera
Freeze	Yes
Zoom in mode (2x2)	Yes
Multiple language interface	English, Japanese, German, French, Russian, Spanish, Italian, Traditional Chinese, Simplified Chinese, Dutch
Looping	Terminator 75 Ohm (switch select)
Auto sequence display	7 sequence modes
Split display mode	10 modes
Covert	Yes
Password	100 sets
Watch dog	Yes

Record

Resolution	NTSC: 720x480, 720x240, 656x224, 512x192, 352x240 PAL: 720x576, 720x288, 656x256, 512x224, 352x288
Frame rate	NTSC 720x480 : 60fps ; 720x240: 120fps PAL 720x576 : 50fps ; 720x288: 100fps
Recording quality	5 levels
JPEG	Yes
MPEG2 enhanced	Yes
Average compression rate	Maximum more than 200:1
Pre-recording	3 sec ~ 5 sec
Post-recording	1 sec ~ 255 sec (programmable)

Playback

Search mode	Event search, time frame search
Search speed	Pause, frame, sec, min, hour, date
Playback speed	Pause; Fast Forward: x1, x5, x15, x60 Rewind: x1, x5, x15, x60
Multi-channel playback	Yes

Connector

Video in BNC	8,16
Video out BNC	1
Video out S-Video	1
Video out VGA	1
Ethernet	RJ45 (10/100M) x1
Remote keyboard	RJ11 x1
RS-485	RJ11 x1
DSUB25	Alarm-in x16, alarm-out x4, relay-out x1

Alarm/Motion

Motion detection resolution	45x30 zones per camera
Motion detection sensitivity	100 levels
Video loss indication	Yes
No. of alarm outputs	4
No. of alarm inputs	16
Alarm real time record	Yes
Alarm delay	0, 2, 10, 15, 20, 30, 45, 60, 75, 100 sec

Event

Size of event list	1023 events per disk
Event source	Alarm, motion, video loss, power on, power off, freeze

Ethernet

Remote setup/operation	Yes
Remote viewing resolution	1920x1200, 1600x1200, 1280x1024, 1024x768
Remote viewing	Max. 80 Windows
Remote playback	Max. 80 Windows
Access DVR simultaneously	3 Users
Timer synchronization	Yes

HDD

Internal HDD capacity	Max. 600 GB
Size of hard drive	60 GB ~ 300GB (Max 2HDD)

Backup

Remote backup	Netview
CF card	Yes
CDRW	Yes

RS-485

PTZ camera	Yes
Multi-keyboard function	Optional

IR Remote Control

Controller	1
Control distance (Max)	9M

Specification

Voltage range	DC 19V
Power standard	15W
Power MAX	60W
Operating temperature	5 ~ 40°C
Operating relative humidity	10 ~ 75 %
Net weight	5.5(Kg)
Shipping weight	8(Kg)
Dimension	432(L) x 433(W) x 66(H) mm



A Cost-Effective Surveillance Solution



UM9500 is designed for simple and easy operation with an array of advanced features, and it is ideal for use in small to medium size enterprise and diverse industries.

In order to meet the increasing demand for sophisticated digital surveillance system, the unit offers user-friendly UI, multi-language OSD, versatile monitoring and recording functions, remote networking by utilizing innovative technologies.

Main Features

- ⊙ Simultaneously monitoring, recording, playing back and networking without any performance degradation
- ⊙ Display rate up to 480fps (NTSC); 400fps (PAL)
- ⊙ Recording rate up to 120fps (NTSC); 100fps (PAL)
- ⊙ 16-Channel local/remote playback
- ⊙ Built-in 2 HDD Bay
- ⊙ Motion detection featuring 1350 (45 x 30' grid) zones with 100 adjustable sensitivity levels
- ⊙ "Event List" is provided to act as a quick search function
- ⊙ CF card/CD-RW Backup
- ⊙ Remote Network Capability
- ⊙ A proprietary client software is provided
- ⊙ 3 users are allowed to access DVR via network simultaneously
- ⊙ DDNS router support for dynamic IP environment



Motion Detection with Sensitivity Settings

UM9500 comes with a motion detection function, featuring programmable activity detection on all video channels, with a 45 x 30 grid (1350 zones) and 100 sensitivity levels selectable for each individual channel.



Multi-Language OSD

UM9500 offers Multi-Language OSD for rapid localization, which enables users to choose their own preferred display language.



Event List (Quick Search Function)

List on screen provides quick search for playback. The List records the latest 1023 events on each hard disk. Users can set filters (channels and event types) in order to quickly find specific events. A full quick search of recorded video is also possible by Time function, or by the following 8 event filters: ALL, Alarms, Motion, Freeze, Loss, Mark, P Loss and CF-CD.



PTZ Controls

UM9500 is fully integrated with PTZ controls. It can easily control PTZ capable cameras from local or any network-connected remote site.



CF Card / CD-RW Backup

UM9500 provides simple yet professional backup functions that enable users to easily archive/export video images to a CF card or blank CD-RW disc as evidence.



Multi-Channel Digital Video Recorder

