

# SDR401

*A compact sized, this 4 channel digital recorder allows you full feature in a more economical package. Not only the various feature with stability and reliability, but easy-to-use controls, user friendly GUI, IR remote controller gives the users convenience. SDR401 comes Ethernet ready, so this DVR is easy to integrate into your network.*

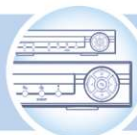


## : 4-CHANNEL DIGITAL VIDEO RECORDER

### ● FEATURES



\* Real-Time Monitoring and Recording  
- Displays and records up to 120 images per second.



\* System Stability and Reliability  
- RTOS built-in flash memory  
- S.M.A.R.T. (Self Monitoring Analysis Reporting Technology) diagnoses the HDD status.



\* Stable and Secure Database  
- A separate database structure secures recorded data against improper operation, and maximizes the storage efficiency.  
- Chained Fingerprint Encryption guarantees the integrity of recorded and clipped video data



\* Compatibility with Text-In Devices  
- Converts ATM/POS transaction text in a variety of synchronous serial protocols to a standard RS-232C interface.



\* IR Remote Controller  
- The DVR can be controlled by the provided infrared remote control.



\* USB Interface  
- The clip video file can be backed up to USB hard disk drives, USB CD-RW drives or flash drives.  
- Software is upgradeable via USB port.



\* Powerful Network Interface and Various Network Environment  
- Accessible from remote site via the RAS  
- Remote monitoring / searching / control (including system upgrade) are supported using not only static IP but also Dynamic IP with enhanced DDNS (DVRINS).



\* Compact Size  
- Compact sized DVR which can be installed in a limited place such as ATM.

### ● RAS (Remote Administration System)

- RAS Admin: Main administration program
- RAS Watch: Remote surveillance program
- RAS Search: Remote search program

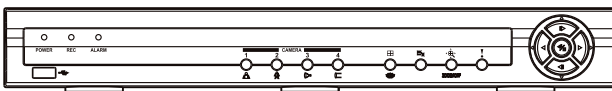


## SPECIFICATIONS

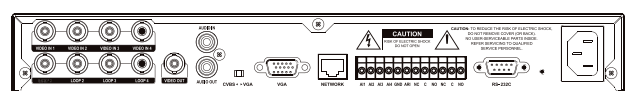
MONITORING	
Video Input	Composite: 4 Looping, BNC, Auto-Terminating
Video Outputs	Composite, VGA
Display Resolution	720x480 (NTSC), 720x576 (PAL)
Display Rate	Real-Time Display, 30/25ips (NTSC/PAL) per Camera
Additional Feature	Hidden Camera, Zoom (x2)
RECORD & PLAYBACK	
Compression	MPEG4 (Video), G.726 (Audio)
Recording Rate	Real-Time, 120ips (NTSC), 100ips (PAL)
Playback Rate	Real-Time, 120ips (NTSC), 100ips (PAL)
Recording Mode	Time-Lapse, Event, Pre-Event (upto 5 min), Text-In, Panic
Search Mode	Date/Time, Calendar, Event, Text-In
Additional Feature	Motion Detection, Event Notification(Email, Pager, Remote S/W), Zoom (x2)
SYSTEM	
Operating System	Embedded Linux (built-in Flash Memory)
Database File System	IBank 1.0 (Proprietary Multimedia Database Optimized for DVR)
Languages	English, Korean, Japanese, Chinese(Trad., Simp.), French, German, Spanish, Italian, Polish, Danish, Dutch, Portuguese
Storage	1 HDD
Data Export	USB (HDD, CD-RW, FlashDrive)
Archive (like data mirroring)	No
Disk Management	Temperature Check, SMART Diagnosis, Auto Recovery, Operation w/o HDD, Auto Deletion
Additional Feature	S/W Update (Remote S/W, USB FlashDrive), Network Time Sync, Setup Im/Export
NETWORK	
Connection	Admin: 2 / Watch: 2 / Search: 2 (Ethernet, External Modem)
Protocols	Static IP, ADSL, DHCP, DVRNS (Enhanced DDNS)s
Remote Software	Monitoring, Playback, Setup (same GUI with DVR), Upgrade, System Check, PTZ Control
Network Data Export	Clip-File (with embedded player), AVI, JPG
IN/OUT	
Audio In / Out	1 / 1 RCA
Alarm In / Out / Reset In	4 / 2 / 1
Auxiliary In/Out	RS232, 1 USB 1.1 (front), IR port
PTZ Control Protocol	Pan, Tilt, Zoom, Iris, Pattern, Scan, Tour, Auto Panning, Camera On/Off, Menu Control, Pump, Wiper, Light, Aux
User Interface	Remote Keyboard, IR Remote Control, Front Buttons
User Group	2 Users (Admin, user) (access right is Fixed)
ETC	
Dimensions (W x H x D)	13.38" x 1.81" x 12.20" (340mm x 46.5mm x 310mm)
Unit Weight	3.2kg
Operating Temperature	41F ~ 104F (5C ~ 40C)
Operating Humidity	0% ~ 90%
Power	100-240 V~, 50/60Hz, 0.6A
Approvals	FCC, CE, UL, CB, MIC

\*Specifications subject to change without notice.

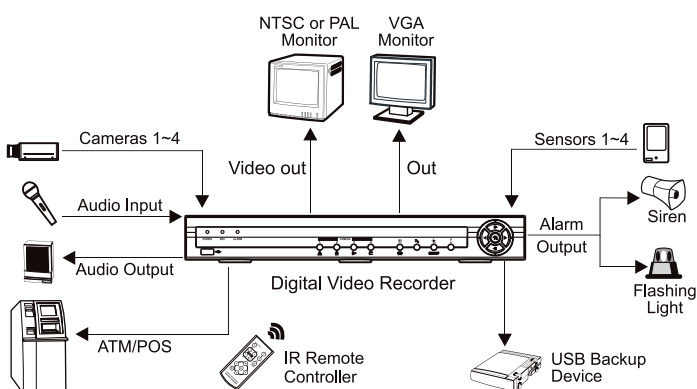
### FRONT



### REAR



### SYSTEM DIAGRAM



# SYSCOM

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