CMS Central Management System

This is a brief manual for quick and convenient reference. Please refer to the User Manual contained in CD for details.

Quick Manual

1st Edition : 31 Mar 2009

% The picture might differ according to the specification and model.

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Thank you for purchasing! Before operating the system, please read this User Manual thoroughly and retain it for future reference.

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1. System Requirement

1.1 Recommended Specification

Category	Content
OS	Windows XP / Vista
CPU	Intel Core2 DUO 2.4 or Higher
RAM	2 GB Min
VGA	256 MB Min
HDD	30 MB Min

1.2 Minimum Specification

Category	Content
OS	Windows XP / Vista
CPU	Intel Pentium IV 3.0 or Higher
RAM	1 GB Min
VGA	128 MB Min
HDD	30 MB Min

2. Installation

Run CMSSetup.exe in CD and follow its installation steps.



3. LogIn



Select Central Management System from Program list on [START] or click on CMS icon on Desktop

Login with USER ID & PASSWORD. * Default ID for administrator and PASSWORD is none

4. Initial Setting



- 4.1 Site Registration(Device Auto Detect)
 - 4.1.1 Click Site Registration icon to register site.
 - 4.1.2 In Site Registration, click [Search Device] to open Search Device screen.

Ratus	Device Name	Version	Network	IP Address	Mac Address	Subnet Mas
Unregistred	DVR-8	v3.1.1 (MOU: 4.1.0)	Static	192.168.10.214	00:10:84:01:34:49	255.255.255
Unregistred	DVR-4	v3.0.12 (MCU : 4.1.0)	Static	192.168.10.113	00:AA:88:CC:00:10	255.255.255
Unregistred	DVR-16	v0.1.1 (MOU: 4.4.0)	Static	192.168.10.28	00:10:84:01:20:88	255.255.255
Unregistred	DVR-8	v3.0.12 (MCU : 4.1.0)	DHCP	192.168.10.200	00:1C:84:01:31:6F	255.255.255
Registred	DVR-16	v3.1.1 (MOU: 4.3.0)	Static	192.168.10.213	00:1C:84:01:3F:2D	255.255.255
Unregistred	DVR-16	v3.1.1 (MOU: 4.3.0)	Static	192.168.10.112	00:1C:84:00:00:12	255.255.255
Unregistred	DVR-4	v3.1.1 (MOU: 4.3.0)	Static	192.168.10.215	00:1C:84:01:3E:38	255.255.255
Unregistred	DVR-16	v1.1.1 (MOU: 4.2.0)	Static	192.168.10.151	00:1C:84:01:2A:23	255.255.255
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- 4.1.3 Click [Search] to find devices in the same network environment.
- 4.1.4 Select a device in the list and click [IP Setting] to open IP Setting screen or click [Site Registration] to open Site Registration screen.

			La	-
Address		Group	leroup	2
IP Address	192.168.10.214	Site Name	192.168.10.214	_
Gateway	192.168.10.1	IP Address	192.160.10.214	-
Subnet Mask	255.255.255.0	Port	9010	
Mac Address	00:1C:84:01:34:49	Web Port	80	_
		User ID	admin	
Web Port	80	Password	++++	
Davk	9010	Channel	1:16	
Port	1,010	Device Type	Embedded DVR	1
onnection Approva	el le	Mac Address	00:1C:84:01:34:49	
User ID	admin	Description	DVR-8	
Password	-			

- 4.1.5 In IP Setting, user can create or change IP address of the device.
- 4.1.6 In Site Registration, user can register site to CMS.



4.1.7 In other way, user can find devices by clicking [Unregistered Device] on the left tree window in System Monitoring menu.



- 4.1.8 Select a device in the list and click the right button of the mouse to open sub-menu.
- 4.1.9 Click [IP Setting] or [Site Registration] on sub-menu to open correspondent screen.

4.2 Site Registration(Manual)



- 4.2.1 In main Site Registration screen, click [Add] to register site and click [Save] to confirm.
 - * In case of DDNS connection, input URL on IP Address section as per following format:
 - [MAC ADDRESS].[CCTV-LINK.NET] e.g. 001c84010021.cctv-link.net



- 4.2.2 Click [Group Management] to create new group or modify/ delete group.
 - * Each device can be moved to different group by up/down arrow button in the left side of group/device list panel.

4.3 E-Map Registration



4.3.1 Click E-Map Registration icon to register E-Map file.

- 4.3.2 Open E-Map file that is made in E-Map Editor program and click [Add] to register.
 - * For making E-Map file, please refer to 7. E-Map Management.

4.4 Option





🔾 Apply 🤉 Default 📓 Olose

- 4.4.4 Set details at Event Option screen.
 - * Setup at UEvent Server should be made, either.
 - * For setup UEvent Server, please refer to 9. UEvent Server.

4.4.5 Set details at CMS Option screen.

4.4.6 Add/Delete user and set authority per user level at User Management screen.

4.4.7 Import/Export information and Data Setting Value of the CMS from/to CMS of other PC.

5. System Monitoring

5.1 System Monitoring



- 5.1.1 Click System Monitoring icon and click another System Monitoring icon in sub-menu.
- 5.1.2 Select [Registered Device] or [Unregistered Device] to check brief information about devices.



5.1.3 Select a specific device to check detail information on the device.

5.2 Remote Log Viewer



5.2.1 Click Remote Log Viewer icon to check all the events and system-related log lists of desired device by date.

5.3 System Upgrade



5.3.1 Click System Upgrade icon



- to upgrade single device or multiple devices of remote site.
- 5.3.2 Click [Open] to find firmware file and click [Check F/W] to find available devices to upgrade.
- 5.3.3 Select devices to upgrade and click [Start Upgrade].
 - * When the upgrade is finished, system will reboot by itself.

5.4 **Data Backup**



- 5.4.1 Click System Upgrade icon to backup data.
- 5.4.2 Select desired device of the list on the left panel and click [Backup Schedule Setting] to open Backup Schedule Registration screen.
- 10 Sta Info 192.168.10.214
 192.168.10.214
 192.160.10.112
 192.160.10.151
 192.168.10.200
 192.168.10.28
 Graz² 192.160.10.21 TP Address 192.160.10.214 1-16 • Channel -J 192.168.10.213 - **Z** the DVR Dr 10 11 3 4 5 6 7 8 9 10 1 Save Save Default Close



- 5.4.3 Set schedule with mouse and click [Save].
- 5.4.4 Click [Start Backup] button on the main backup screen to run BackupAgent.exe.

Site Name	7 Address	Bachup Date	Balkg Tire	Oavel	Data	Propen(%)	Nate
Gog	and and some	I to the second	1.				
192,188,10.214	192.568.30.214	2009/05/12					
192.198.10.112	PR2.556.30.112						
100,100,10,000	100/26401304E v4						
190, 160, 10, 20	197 166 15 78						
Grant	170-107-20-00						
192.160.10.215	252.168.10.215						

5.4.5 Click Option icon

Start Backup icon

to setup backup option and click

to start backup as scheduled.

7

6. Video Monitoring

6.1 Video Monitoring



6.1.1 Click Video Monitoring icon to video monitoring screen.

6.2 Drag & Drop Connection



- 6.2.1 Select "Live" or "Playback" on the control panel.
- 6.2.2 Select desired devices or channels of the list panel with the mouse and drag/drop them in empty channel of the window.
 - * Both "Live" and "Playback" can be played in the same window.



6.2.3 In Playback mode, user can search data with calendar or Intelli-Search bar.

Own New Window Open Stee / Title Common S



- 3.3 Another 4 new 36 channel windows can be opened. (180 channels in total)
- 6.3.4 Click

Click icon to spread all the new windows in a single monitor.

6.3.5 In case the system supports multiple monitors, each window can be displayed on the different monitor.



* Multiple windows in a single monitor

* Multiple windows in multiple monitors

6.4 Control Panel



6.4.1 Connection

User can select "Live" or "Playback" to play

6.3 Open New Window



6.4.2 Information

User can get information about the channel.



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Audio

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Protocol Pelo

PTZ

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6.4.4 PTZ

User can control PTZ camera by mouse click.



icon, PTZ control by mouse movement on the video screen When user click (virtual joystick) is available

6.4.5 Relay

User can switch on/off the connected relay by mouse click.



6.4.6 Filter

User can change a variety of image filtering effects.

7. E-Map Management

7.1 E-Map Editor



7.2 E-Map Management



- 7.2.1 In E-Map Management screen, user can open E-Map file from the list of the left panel and check device information on the right panel.
- 7.2.2 Use can see live video in pop-up window by mouse double click on the camera icon and enlarge up to 3times by mouse click.
- 7.2.3 Click the right mouse button to open sub-menu.
- 7.2.4 Select [Open in new window] to create new E-Map window.
- 7.2.5 User can move the new E-Map window to a separate monitor.

8. Utility Function

8.1 Event Viewer



- 8.1.1 Click [Event Viewer] and select [Event Log].
- 8.1.2 Select desired date to check events.

- 8.1.3 Select [System Log].
- 8.1.2 Select desired date to check system log.

8.2 Intelli-Search



8.2.1 In Playback mode, user can search data with calendar or Intelli-Search bar.

8.3 File Search

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8.3.1 User can search and playback SSF video file stored at CMS server.

9. UEvent Server

9.1 Operation



9.1.1 UEvent Server is installed automatically when CMS software is Installed and runs whenever Windows starts.

9.2 Option Setting



- 9.2.1 Open UEvent Server and click [Option] to open Option menu.
- 9.2.2 Set details and click [OK] to confirm.

10. Specification

	Model	CMS
	Status Information	Video, Audio, Sensor, Relay, Recording Mode & Speed, Resolution
	HDD Information	Capacity, Usage (%), Temperature, & Format Type, Model
	System Information	CPU Type, CPU Speed, System Memory, MAC Address., Signal type, etc.
	Version Information	Model name, S/W version, H/W version
	Network Information	IP Address, Subnet Mask, Gateway, DNS
	Connection Information	Maximum connection, Current connection, Bandwidth, Login User
Central Management	IP Auto-Detection	Automatic detection of IP address over network
j	Firmware Upgrade	One-click upgrade for multiple registered DVRs
	Schedule Backup	Programmable schedule from multiple registered DVRs
	Remote System Configuration	Remote configurate DVR through IE browser
	Remote Rebooting	Rebooting of DVRs over network through IE
	Log Viewer	Collecting log data from registered DVRs
	Connection Compatibility	Multiple connection of Embedded DVR, Streamer, IP camera, Hybrid DVR
	Group Management	Connection by Grouping
	Time Synchronization	Time sync of multiple DVRs over network
	No. of Monitor supported	Up to 5 monitors
	New Additional Monitoring Windows (except for Basic One)	Creating new monitoring window by 36 channels each, up to 4 windows
	Basic Number of Channel per Window	Simultaneous 36 cameras monitoring
	Maximum Number of Channel	Simultaneous 180 cameras monitoring
	Camera Allocation	Independent allocation of cameras by easy drag & drop
Multi Monitoring	Auto Reconnection	Auto reconnect upon network recovery, Auto connect to previous View Layout
	Alarm Pop-up	Camera pop up upon alarm triggered
	Remote Control Panel	Playback, Relay, PTZ, Live image tuning
	Remote Playback	X16 forward / backward play
	Event View	Event / System logs (linked to playback)
	Search Mode	Intelli-Search, Event Search, File Search
	Miscellaneous	Printing, Snap Shot & Live AVI backup, De-interlacing, Digital Zoom, etc
	E-Map Editor	Easy editor by component drag & drop.
	Device Supported	Camera, Relay, Alarm, Link
E-Map	File Format	XML, JPG, BMP
	Layer Supported	Multi-layer of E-Map supported
	Alert	Pop-up video windows by alarm trigger