

DIGIOP 7.4 RELEASE NOTES

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SYSTEM REQUIREMENTS

NOTE: The DIGIOP part number for the Recovery software is R-GS02A201 and DIGIOP part number for the Remote Management software is A-08273-001.

SERVER SOFTWARE MINIMUM REQUIREMENTS

If using the Server Software update, make sure the server meets these requirements.

CPU	1.60GHz+ Intel® Pentium Dual Core or Celeron 420, 1.86 GHz+ Core 2 Duo, 2.8 GHz+ Pentium D, and 3.06 GHz+ Celeron
Memory	1024 MB+
Video Memory	128 MB+ (1024 x 768 32 Bit)
OS	Microsoft® Windows® XP Embedded with SP2
System Platform	DIGIOP G3 (only)

MOTHERBOARDS SUPPORTED

Dell	Dell Optiplex GX745 Desktop Dell Optiplex GX745 Tower Dell Dell Optiplex GX755 Desktop Dell Precision T3400 Workstation
Hewlett-Packard	HP XW4400 Workstation HP XW4600 Workstation

REMOTE MANAGEMENT MINIMUM REQUIREMENTS

S-CLASS, MINIMUM REQUIREMENTS

CPU	2.0GHz+ (Celeron/P4/AMD)
Memory	512MB
Video Memory	32MB+ (1024 x 768 32 Bit) Support Direct Draw and GDI Direct X 8.1+
Disk Space	300 MB+
LAN	10/100/1000 Network
OS	Microsoft Windows 2000 with SP4 or XP Home or Pro with SP2

H-CLASS, MINIMUM REQUIREMENTS

CPU	3.0GHz+ (Celeron/P4/AMD)
Memory	1024MB
Video Memory	128MB+ (1024 x 768 32 Bit) Support Direct Draw and GDI Direct X 9.0+
Disk Space	300MB+
LAN	10/100/1000 Network
OS	Microsoft Windows 2000 with SP4 or Windows XP Home or Windows XP Pro with SP2

NOTE: Results may vary if using NVIDIA® RIVA TNT2™ and SiS Video Chipsets.

SOFTWARE PRE-REQUISITES

If using the Software update, these additional pre-requisites must be installed:

Windows installer 3.11
Net framework 2.0
Windows IIS (Internet Information Service)

RELEASE HISTORY – DIGIOP SERVER	
VERSION	DATE
7.4.0.0820	08/20/2008
7.4.0.0731	07/31/2008
7.3.1.0305	03/05/2008
7.3.0.0125	01/25/2008
7.2.2.1002	10/01/2007
7.2.1.0801	08/01/2007
7.2.1.0717	07/10/2007
7.2.1.0629	07/09/2007
7.2.0.0601	06/01/2007
7.1.0.0330	03/30/2007
7.1.0.0222	02/22/2007
7.0.0.0119	01/19/2007

PRODUCT / SOFTWARE COMPATIBILITY

**TABLE 1
DIGIOP PRODUCT and SOFTWARE COMPATIBILITY**

7.4 Software ↓	DIGIOP DVR Models							
	S30-4	S60-8	S120-16	S240-16	S480-16	S240-32	H480-D1-16	H960-2CIF-32
Server	Y	Y	Y	Y	Y	Y	Y	Y
Remote Manager	Y	Y	Y	Y	Y	Y	Y	Y
Remote Backup	Y	Y	Y	Y	Y	Y	Y	Y
Remote Configuration	Y	Y	Y	Y	Y	Y	Y	Y
API/ESP	Y	Y	Y	Y	Y	Y	Y	Y
Viewer	Y	Y	Y	Y	Y	Y	Y	Y

**TABLE 2
DIGIOP SOFTWARE BACKWARDS COMPATIBILITY**

7.4 Software ↓	Software Versions					
	6.6.10	6.10.4	7.1.0	7.2.0	7.3.0	7.3.1
Server	-	-	-	Y	Y	Y
Remote Manager	Y	Y	Y	Y	Y	Y
Remote Backup	Y	Y	Y	Y	Y	Y
Remote Configuration	Y	Y	Y	Y	Y	Y
API/ESP	Y	Y	Y	Y	Y	Y
Viewer	Y	Y	Y	Y	Y	Y

The following table lists cameras and notes the firmware versions used by DIGIOP for testing and/or other conditions of operation. Before proceeding, we suggest that you read these notes carefully and contact your DIGIOP representative if you have any questions about a product's compatibility.

TABLE 3 CAMERA COMPABILITY CHARTS							
	Function						
Camera Name ↓	Video CODEC	Audio CODEC	Record On Motion	Audio	PTZ	Sensor/ Relay	DRS*
DIGIOP Encoder	MPEG4	ADPCM	Y	Y	Y	N	Y
DIGIOP Truepix	MPEG4	G.711	Y	Y	Y	Y	Y
DIGIOP MIDLINE	MPEG4	N/A	Y	N	N	N	Y
AXIS	MPEG4	G.711	Y	Y	Y	Y	Y
ACTi	MPEG4	N/A	Y	N	N	Y	Y
Canon	MJPEG	G.711(Mu-law)	N	N	Y	Y	
Sony	MPEG4	G.726 (16 kbps)	N	Y	Y	N	N*
Dlink	MPEG4M JPEG	-	Y	N	Y	Y*	Y
Arecont (Megapixel camera)	MJPEG	-	Y	N	N	N	Y
ACTi Megapixel	MPEG4	-	Y	Y	N	N	N
IQeye	MJPEG	-	Y	N	N	N	N
Vivotek	MPEG4M JPEG	-	Y	N	Y	N	N
Bosch	MPEG4M JPEG	-	Y	N	N	N	N

IP DEVICE LIMITATIONS

1. Canon DLINK PTZ requires a short pause between two successive commands. Otherwise, all the commands are buffered and executed irrespective of the current user command.
2. Auto search is same for all Canon cameras. For example, if you search for VB-C50 iR models, other Canon models may also be searched and listed if they are present in the same network.
3. Auto search cannot distinguish between regular ACTi IP cameras and ACTi Megapixel cameras.

NEW FEATURES IMPLEMENTED IN 7.4.0

- FPS /Resolution support on FPS tab for IP cameras
- IQEye IP Camera support **NOTE:** Audio is not supported.
- Arecont 180" / 360" IP camera support
- ACTi Megapixel IP camera support
- Bosch Dinion IP camera support
- Changes to Hfiles, Datetime stamp, and Confirmation message box when cancelling ftp upload
NOTE: This feature saves JPEG files to a specified location on the hard disk on for sensor-triggered cameras. This is designed for low-bandwidth transmission.
- disnetbackupagent.exe was replaced by digiopnetbackupagent.exe
IMPORTANT: See the "Limitations" section of these notes for changes required for the new executable to operate properly.
- Added system backup time in the event log
- DVR User Management from "Remote Configuration"

REMOTE MANAGER CHANGES AND FIXES

1. Added support for Windows Vista for the Remote Manager.
2. Created a new Remote Manager - Advanced Backup module for both the Remote Manager and ESP, which is a robust program for backing up video. Advanced Backup allows connections to multiple systems at one time and consolidates the back up of video in multiple formats, i.e., .AVI and/or .DSF (DIGIOP format).
3. Fixed an issue where the Remote Manager was not able to connect but ESP (Enterprise Surveillance Program) was connecting.
4. Added an option so the Remote Manager can be installed for all users or only for the logged in user.
5. The Remote Manager now uses an .INI file instead of the Registry for configuring Users, Recent user, DVR List, File List, and Group List.
6. Previous settings (for Users, Recent user, DVR List, File List and Group List) from the Registry will be imported to .INI file.

ISSUES FIXED IN 7.4.0.0820

FIXES IN THE DIGIOP RECORDER

1. Language Spanish (Mexico) cannot be changed in DIGIOP.
2. On the System tab, fixed an incorrect message on the Data Drive selection dialog.
3. Added a new rsftagadder.exe to fix a problem with DVR restarts.

FIXES IN THE REMOTE MANAGER

1. Fixed an issue where DIGIOP Remote Manager was not displaying all the DVR entries in the connection panel. In this case, the DVRs were added in the admin account when the user was logged into the Standard & Guest user account.
2. Fixed issues in all the user accounts where a DVR (added in the Group connection) was automatically deleted from the open\site connection\Group tab. In addition, the Remote Manager then displayed other groups with the branch name without an entry in the tree.
3. Fixed in issue in Remote backup which displayed corrupted hours when connected to a DVR running 6.x version.
4. Fixed in issue in Remote backup in which no data back ups were made if the user was logged into the Standard & Guest user account.
5. Fixed in issue in Remote backup that displayed a warning to "Insert a disc" when the default CD backup path was selected.

LIMITATIONS

1. The 7.4.0 software contains a new executable for the backup agent called digiopnetbackupagent.exe. (The old executable is called dissnnetbackupagent.exe.) All new systems come installed with this new executable as part of the 7.4.0 software.

If you have an earlier version of the software installed on a system and choose to upgrade to the 7.4.0 software, you must make the following changes for the system to operate properly:

- a. After upgrading to 7.4.0, remove dissnnetbackupagent from the disstech/bin directory.
 - b. In the firewall, give permission to digiopnetbackupagent.exe (replaces permission for dissnnetbackupagent.exe).
2. For DLink IP camera audio to work properly, select the 24kbps option.
 3. For ACTi Megapixel cameras to work properly, select "Variable" for the Frame Rate Mode. If you select "Constant," then the DIGIOP may display a "Video decoder init failure..." message.
 4. Audio is not supported for Canon IP cameras.
 5. When operating Axis cameras, set the Quality below 50 for the camera to operate properly.
 6. If you are operating cameras that use MJPEG compression (for example, IQeye, Vivotek, Dlink, Arecont, Canon), ensure that there is enough disk space for the files, which can be very large.
 7. Set the GOP for all IP cameras to 15. (This change in settings may cause undesired results.)
 8. Axis cameras create multiple DSF files for each hour, even if the recording is not stopped during that hour.
 9. In Remote Configuration, the User Management feature is *only* enabled for DIGIOP 7.4 and 6.12 Server. User management is disabled when connect to DIGIOP Server 7.3 or any previous versions. The new User addition is only available within Server version 7.4 and soon to be released 6.12.