

# EDNS4000/ EDNS6000X/ EDNS7000R Hybrid Setup of IP cameras



#### Introduction.

This document serves as an appendix, to the DVR service manual, as well as the specific IP camera user manual, which describes the DVR and camera functions in greater detail.

#### Enable IP cameras.

Press the Tools button in the lower right corner of the main dialog. Log in is required.



Select the Configuration menu item.

Select the System tab.

Jpgrade	Email Notification
Please obtain the Upgrade Software available on Media (CD or DVD) from y Supplier. To proceed, after you have the Media, press the [Select Upgrade] button an follow the On Screen instructions.	DVR Location : Send To :
Disclaimer : If Media is obtained from a Non Qualified Supplier your systems might fail and cannot be recovered. If Media is physically damaged contact y Supplier for a replacement.	Vour Sender's E-mail Address :
	Host Server Address:
Select Upgrade	Please enter the SMTP server address, for the Host Server address. Email will not be sent out if the email host server is incorrect Need Authentication
DIGIOP ESP Settings	User ID :
URL Address : http://localhost/Digi0pESP	Password:
User Name : admin	E-mail Test Select Events
Password :	
Don't Ask again for Login at Startup Automatically Update IP add     Camera License     Activate More IP Cameras     Select Drives	ess Disk Full Notification Send a Relay Output every 5 minutes to Show Warning in every 5 minutes
System Backup After S/W is upgraded or a printer driver is installed in Viewer, it is recommended to backup system.	ation Export/Import ectory default configuration to file or Import from a file Reset to Default



Press the button "Reset to Default", in the "Reset Configuration" group box, or remove the checkmark in the "Don't Ask again for Login at Startup" checkbox, in the "DIGIOP ESP Settings" group box.

After restart of the DVR, press the "System Backup" button in the "System Backup" group box.

Whenever the DVR is restarted and the "Login to Web Server" dialog is shown, press the Cancel.

Login to Web Server	×
😤 Enter valid URL Address and Password	OK
C Local C Remote	Cancel
URL Address : http://localhost/DigiOpESP	
User name : admin	e anna
Password :	
🗖 Don't Ask me again	



#### Adding IP cameras.

Press the Tool button in the lower right corner of the main dialog. Log in is required.



Select the Configuration menu item.

Select the Camera tab.

Preference	
Camera Network Sensor/Control PTZ Color Display FPS/Resolution	on Schedule System
C Select Camera	and the second
( <u>1)</u> ) (2)) (3)) (4)) (5)) (6)) (7)) (8)	<b>4 (9,10 (11,10 (12,10 (13,10 (14,10 (15,10 (16,10</b>
- Camera Nama	I Enable Audio I Security Screen Mode I Watch Mode
.Camera 1	Analog Lamera
	Advanced Configure
Current Recording View	Motion Detection Area
0 kbps	
Recorded Video Quality	Motion Detection Sensitivity
	Low 50 High Motion
<u>_</u>	
Close	



In the IP camera settings group of this tab, press the Add button.

Analog Camera	•	Add	Edit	Delete	Assign
		Adva	aced	Conf	iqure

In the pop-up dialog select either "Search in Network or "Add Manually" and press the OK button.

earch IP Device	
Search in N	1etwork
C Add Manua	ally
ОК	Cancel



#### IP Device List.

If "Search in Network" was selected, the device list is shown. Otherwise go to the "IP Device details" description.

ALL IP DEVICES ARECONT ERNITEC AXIS FUJITSU		_	
CANON-VBC300 CANON-VC50i/R D-Link DIGIOP MIDLINE SONY TOSHIBA			

Select the type of camera and press the Next button.



IP Device Name	IP Address	MAC Address	
RNITEC	192.168.6.71	00-0F-7C-00-E7-5D	
ERNITEC	192.168.6.140	00-0F-7C-00-F8-CB	
ERNITEC	192.168.6.52	00-0F-7C-00-68-F6	
RNITEC	192.168.6.61	00-0F-7C-01-1C-CB	
RNITEC	192.168.6.58	00-0F-7C-00-82-6A	
RNITEC	192.168.6.64	00-0F-7C-01-1C-B2	
RNITEC	192.168.6.63	00-0F-7C-01-1C-CA	
RNITEC	192.168.6.62	00-0F-7C-01-1C-7F	
RNITEC	192.168.6.51	00-0F-7C-00-3D-5A	
RNITEC	192.168.6.60	00-0F-7C-01-1C-B0	
RNITEC	192.168.6.55	00-0F-7C-00-72-75	
RNITEC	192.168.6.57	00-0F-7C-00-6B-0E	
RNITEC	192.168.6.54	00-0F-7C-00-48-29	
RNITEC	192.168.6.56	00-0F-7C-00-77-20	
RNITEC	192.168.6.53	00-0F-7C-00-4C-0F	
RNITEC	192.168.6.59	00-0F-7C-00-AE-28	
RNITEC	192.168.6.70	00-0F-7C-00-C1-60	
RNITEC	192.168.6.72	00-0F-7C-01-27-C6	
RNITEC	192.168.6.73	00-0F-7C-01-27-DD	

In the list of found devices select the camera to use and press the Next button.

The list show both standard IP cameras, as well as megapixel cameras.

Max. 4 megapixel cameras may be assigned.



#### IP Device Details.

Name	ERNITEC 71	нттр	
IP Address	192 . 168 . 6 . 7		
User Name	Admin		
Password	*****	Port 1	
Туре	ERNITEC	Port 2	
URL	http://192.168.6.71	Port 3	
MAC Address	00-0F-7C-00-E7-5D	Port 4	
Channel No	1		
Enable Stream	ım On Motion 🛛 🗖 Ena	ble PTZ	🗖 Enable Audio

In the details dialog, enter the user name and password. For Ernitec IP Cameras the default user name is "Admin" and the default password is "123456".

Change the name of the camera, like "ERNITEC 71" show above, in case more cameras of this type are to be added.

Check the "Enable Stream On Motion" checkbox. If the camera is a PTZ type the "Enable PTZ checkbox must be checked too.

Press the Finish button.

Press the Assign button in the "IP Camera Settings group", to assign the selected IP camera to the selected channel.



IP Camera Settings					
ERNITEC 71	•	Add	Edit	Delete	Assign
		Adva	nced	Conf	igure

Press the Close button to exit the Configuration.

And restart the DVR when requested for.

DIGIOP			×
Configuration has Do you want to Re	changed. DIGIOP must be start ?	restarted to a	pply the new Configuration.
	Yes	No	



#### IP camera Motion Detection.

This example is show for an EIP120D-P12P.

Motion detection must be defined in the IP cameras assigned.

Select the camera in the Camera tab.

Press the Configure button in the IP Camera Settings group to access the IP Camera Setup.

C Web Configurator - Version D1 v2.4 - Windows Internet	Explorer 📃	
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Select Video Adjust.



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<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp		
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<ul> <li>Video Display</li> <li>Host Setting</li> <li>WAN Setting</li> <li>Date Setting</li> <li>Video Setting</li> <li>Video Adjust</li> <li>Video Adjust</li> <li>System Info</li> <li>Firmware</li> <li>Factory Default</li> <li>Save Reboot</li> <li>Logout</li> </ul>	DayNight-1	
	Contrast 0 50 100 Contrast 0 50 100 Apply Reset	
	If you can't see the video, click here.	
<		
Done	📑 🚺 🚺 📑 Internet	💐 100% 🔻 🔡

Set the motion rectangle and sensitivity, and press the Apply button.



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			<u> </u>	
DayNight-1				
>> Video Display	୦⊶୦ Version V2.0 - Vid	leo Setting		
>> Host Setting	Camera Name	DayNight-1		
>> WAN Setting	Streaming Method	TCP Only		
>> Date Setting	RTSP Authen Enable	RTP B2 Frame Enable		
>> Video Setting	Audio In	Enabled V		
>> Event Setting	Multicast IP	228 . 5 . 6 . 1	_	
>> Video Adjust		(224.3.1.0 ~ 239.255.255.255)		
>> User Account	Multicast TTL	255		
>> System Info	Multicast Interface	LAN 🕶		
>> Firmware	IGMP	Disabled 💌		
>> Factory Default	Analog Video	PAL 🗸		
>> Save Report	Resolution	P720x576 💌		
22 Logour	Bitrate	1.5Mbps 🗸		
	Frame Rate Mode	Constant 💌		
	Frame Rate	25 💌		
	N.	When using variable frame rate, click the 'Apply" button to know the actual bitrate.		
	*Frame Integration	Deinterlace Blending 🗸		
	LowPass Filter	Disabled 💌		
	Serial Port Baud Rate	9600 💌		
	Serial Port Control	8,None,1 💌		
	RTSP Port	7070		
<		r1		
Done		🏹 🌍 Internet	🔍 100% 🝷 🖉	

Ensure that the bit rate is sufficient to ensure proper motion detection.

If changes are made, press the Apply button.

When done press Save Reboot.