

SURVEILLANCE AND SECURITY

IDIS Lite Series User Guide



Version Control

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19 May 2025	1.0.0	James Margariti	Initial Release
06 July 2025	2.0.0	James Margariti	Overhaul

Prepared By:	James Margariti
Prepared For:	Customers and End Users
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Overview

IDIS LITE is a cost-effective camera range from IDIS, designed with limited features compared to the fullfeatured DirectIP range. These cameras are ideal for basic installations but require specific configuration steps due to limited native support in IDIS Recording Devices (NVRs and IDIS Solution Suite).

This guide was created by DAS to assist with installation, initialisation, and configuration for first-time users.

Default IP Address

The default IP address for IDIS LITE cameras is **192.168.0.10**. Additionally, each camera supports a ZeroConf address, which can be useful for accessing the camera without prior network configuration.

You can use IDIS IP Manager to discover and connect to cameras using either method.

• Download IP Manager 2.1.0.8

Default Username and Passwords

Stock from DAS as of November 2024 — Firmware: v6.3.1.341

- By default, the camera forces HTTPS and requires setting a new password on first login.
 - Username: IdisAdmin
 - Password: No default Password must be created
- If HTTP is forced:
 - Username: IdisAdmin
 - Password: Admin1357

Older Firmware (v6.3.1.330)

- Username: admin
- Password: admin

How to Check IDIS LITE Firmware

Use IP Manager to discover devices and view firmware versions.

• Download IP Manager 2.1.0.8



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📀 ip i	Manager						
R	c					٩	i
	Model Name	IP Address	Zeroconf Address	MAC Address	Version	Information	
	DC-D2511WER	192.168.1.93	169.254.88.137	00:03:22:FA:0D:A2	6.3.1.341	Change IP Quick View Login Maintenance Upgrade Restore Web Browser	>
1 ca	mera detected					Exit	

Upgrade IDIS LITE Firmware

Latest firmware is available on the <u>IDIS Partner Portal</u>. You'll need an account — request access via the portal if needed.

Direct Firmware Link (v6.3.1.341)

Compatible with:

- DC-D2511WER
- DC-D2531WER
- DC-T2531WR
- DC-D2531WR

Registering IDIS LITE Cameras to an IDIS NVR

Prerequisite

- IDIS LITE camera firmware: v6.3.1.341 or later
- NVR firmware: v8.8.0 or later

Check NVR Firmware

Log in to your IDIS NVR using Administrator credentials.

Go to Setup > System > General.

Locate the Firmware Version information:

• If your NVR is running v8.8.0 or later, proceed to Camera Registration.

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• If not, follow the steps below to upgrade your firmware.

	Sustam			
-0		Site	DR-2516P	
ofolica	General	System ID	0 🗘	
CAMERA	Date/Time	Language	English 🗸	
A CONTRACT	User	Version	8.6.0	Upgrade
×	Security	Setup	Import _	Export
EVENT	Storage		Show Sy	rstem Log
DEVICE	Self-Diagnosis		Clear	All Data
۲	Custom Value		System	Shutdown
NETWORK	About		Troubleshoot	ting Reporting
NOTIFICATION				
DISPLAY				
\sim				
STATUS				
			Apply OK	Cancel

Upgrade the NVR Firmware

Download firmware from your NVR's product page under the Downloads tab.

- DR-25xx / DR-35xx Series: Download Link
- DR-65xx Series: Download Link
- DR-85xx Series: Download Link

Copy the firmware file onto a USB memory stick.

Insert the USB stick into a **USB port on the NVR**.

On the NVR, go to **Setup > System > General** and click the **Upgrade** button.

Important:

Upgrading your firmware may cause **ONVIF-connected third-party cameras** to lose connectivity. Please consider this before proceeding.

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SYSTEM CAMERA CORED	System General Date/Time User		Site System ID Language Version	DR-2516P-A-	securit-test 8.8.0	0 * 122 *	Upgrade		
₽ EVENT	Security Storage								
	Self-Diagnosis	A	Upgrading the firm	ware or softwa	re may introdu	e compatibility	issues with third pa	rty products.	
NETWORK	Custom Value About							ок	
AUTIFICATION DESPLAY STATUS				Apply	OK	Ca	ncel		

In the File Open dialog box, select the firmware file and click OK.

Confirm all prompts by selecting **YES** until the upgrade begins.

The upgrade process may take up to **4 minutes** to complete.

	Sustem									
CO TEM					Site DR-2516	P-A-securit	t-test			-
	General	Fil	e open							
AERA.	Date/Time			-				_		
5,	User	् स	▶ ▲	1				Filter		Size
ORD	Security		DAS							3126
VENT	Storage		Other System V	olume Inform	nation					
	Self-Diagnosis		dr3516p-i	dis-ml-880-G	RT8809.rui					481 MiB
A .	Custom Value									
WORK	About									
IPLAY									ОК	Cancel
\sim										
TATUS										

Registering IDIS Lite Cameras

From the **LIVE view** screen on the NVR, **right-click** anywhere on the display and choose **Camera Registration**.



Edit Group	
Camera Registration	
Logout	
Live Messages	

In the Camera Registration menu:

- Click SCAN
- Then choose Manual Scan



In the Manual Scan window:

- Set Protocol to IDIS Lite
- Click SCAN

Manual Scan				
Protoc 🗸	IDIS			
Mo	Axis Basler CostarHD			
Stat	Onvif Conformance Panasonic WV Sony RedVision ONVIF(Flir) Canon AV Costar			
	IDIS Lite			
_		Scan	Cancel	

When the camera appears in the **Result list**, click **CANCEL** to close the Manual Scan window.

Right-click the detected camera in the Result list and select Add Camera.

isuit : 2		Q Scan		
Model	MAC	: Title		11M CAM2
DC-D2531WER	00:03:22:54	Add Camera		
		Auther cation		
		Multi-Selection N	lode On	1
			CAMS	11M CAMB

In the Set Password window:

- Enter a strong password in the **Password** and **Confirm** fields.
- Password must contain at least:

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- o One uppercase letter
- o One lowercase letter
- o One number
- Minimum of 8 characters
 Example: Daslitecam1
- Click OK.

Set Password		
Model	DC-D2511WER	
MAC Address	00:03:22:FA:4F:4F	
IP Address	169.254.236.123	
User	IdisAdmin	-
Password		(Strong) _
Confirm	••••••	(Strong) _
	⊠ Enable remote password reset	
?	ок	Cance

On the Camera Registration screen:

- Click **APPLY** at the bottom.
- You may untick "Run self-diagnostic" to speed up the process.
- Click **OK** to complete camera registration.

Do you really want to register cameras?							
🗆 Run self-diagnosis							
	ок	Cancel					

Motion Detection Recording with an IDIS NVR

To set up motion detection recording with an IDIS NVR, you'll first need to configure the motion detection settings directly on the camera using its web browser interface. Once completed, configure the NVR to receive these motion events and apply the appropriate recording schedule.

Configuring Motion Events on an IDIS LITE Camera

Motion detection must be configured directly on the camera using the web browser interface.

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Log in to the IDIS Lite Camera using its Web Browser Interface.

Click the Menu (\equiv) icon on the top-left, then select the Settings (\clubsuit) icon.



Navigate to: Event > Triggers > Motion



Adjust the Motion Detection Area:

Use your mouse to resize and position the orange region box to define the detection zone.



← → C	O A https://192.168.1.93/setup/event/triggers.php				☆ 🗢 🛎 🔍 쇼
3 mpor coorano.					
	Enable				
	Name motiondetection				
	Sensitivity 80 (Default)				Ŷ
	Dwell [sec] 5				×
	ю	Name	Туре	Dwell	Delete
	1	motiondetection	include	5	Delete

Configure Motion Settings at the bottom of the screen:

Name: Enter a descriptive name for the motion event.

Sensitivity: Adjust sensitivity based on the scene.

Dwell Time: Set how long motion needs to persist to trigger the event.

Click Save at the top of the page to apply your changes.

← → C	0	A https://192.168.1.93/setup/event/triggers.php			⊌ ₹	۹	ĉ
Import bookmarks		DC-D25	ITWER			6 Fi	nish se
■ 🗄 📽		SETUP > Event > Triggers					
0 Information		Triggers				B Save	T
Video & Image	~						
Record		Motion Tamper System Manual Network Timer Day/Night					
4 Event	~						
* Triggers				11	0		
Actions							
Rules							
System	~						
			the second se		11 2 2		

Configure the IDIS NVR to Receive Events

On the NVR, go to: Settings > Event > Video Analytics > Motion

Tick the checkbox next to the IDIS Lite camera you wish to receive motion events from.

▲ Note: You cannot configure the motion detection area or sensitivity on the NVR. All motion settings must be configured on the camera using the Web Browser Interface.

Click in the Actions field to define the NVR's response to the motion event:

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By default, Recording Action is enabled.

-o Event	No.	Sensitivity	Zone	Min. Blocks	Etc.	_ Condition	Actions
System Event	⊠1	3/3	330 _	1/1 _	Etc.		0°
-	2	3/3	330 _	1/1 _	Etc.		ø
MERA Camera System	▼ 3	3/3		1/1 _	Etc.		Ø
Video Apolytice	⊻4	3/3	330	1/1 _	Etc.		©"
CORD VIGEO-Analytics	⊠ 5	3/3		1/1 _	Etc.		ø
Motion	III 6	3/3		1/1 _	Etc.		©
<u>^</u>	7	3/3	330	1/1 _	Etc.		©
TripZone	III 8	3/3		1/1 _	Etc.		©
ene ene Monthead							
Auto Tracking HORK Loitering Canon Line Crossing							
Auto Tracking Loitering Line Crossing Line Crossing Line Crossing							
Auto Tracking Loitering Line Crossing Object Detection Additional Event	×						
Auto Tracking Loitering Line Crossing Object Detection Additional Event VA Box	•						

By clicking in the Actions field box, you'll be able to set the actions on receiving the event

By default the Recording Action is turned on

Actions	Settings	
Record	5	
Alarm-Out		
Notify		
PTZ		
Event Monitoring		

Configure the IDIS NVR Record Schedule

Go to: Settings > Record > Schedule

In the Mode dropdown, select from:

Time (Continuous recording)

Event (Record only when motion or other events occur)

Time and Event (Record continuously but mark or record events with higher quality)

Example Setup:

All Days, 00:00 to 24:00, Time and Event, All Channels.

Configure Profile Settings:



Time Recording: Select a lower profile (e.g., Profile 2 or 3) to save storage when no events are expected. Event Recording: Select Profile 1 for maximum quality when events are detected.



Additional Configuration

For more advanced setup and configuration options, refer to the **NVR Operation Manual** available at: <u>IDIS Product Manuals – Network Recorders</u>

Network Access Considerations

When a camera is connected to one of the **VIDEO IN** ports on an IDIS NVR, it resides on a separate internal network, isolated from the NVR's **NETWORK CLIENT** port. As a result, you cannot access the camera directly via web browser from a device connected to the client network.

To access the camera:

- **Option 1:** Connect your workstation directly to the NVR's VIDEO IN port using a switch or crossover cable. Then use **IP Manager** to discover and access the camera.
- **Option 2:** Configure a **NAT rule** on the NVR to allow passthrough access from the client network to the camera subnet.

This ensures you can still manage camera settings or apply firmware upgrades when needed.



Need Help?

Technical Support: Connect.Support@dickerdata.co.nz

Sales & Product Enquiries:

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