



# Network Camera

Quick Guide

*DC-T2234WR*

# Safety Precautions

## WARNING

RISK OF ELECTRIC SHOCK  
DO NOT OPEN

**WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK,  
DO NOT REMOVE COVER (OR BACK).  
NO USER-SERVICEABLE PARTS INSIDE.  
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**

### Important Safeguards

#### 1. Read Instructions

All the safety and operating instructions should be read before the appliance is operated.

#### 2. Retain Instructions

The safety and operating instructions should be retained for future reference.

#### 3. Cleaning

Unplug this equipment from the wall outlet before cleaning it. Do not use liquid aerosol cleaners. Use a damp soft cloth for cleaning.

#### 4. Attachments

Never add any attachments and/or equipment without the approval of the manufacturer as such additions may result in the risk of fire, electric shock or other personal injury.

#### 5. Water and/or Moisture

Do not use this equipment near water or in contact with water.

#### 6. Placing and Accessories

Do not place this equipment on a wall or ceiling that is not strong enough to sustain the camera. The equipment may fall, causing serious injury to a child or adult, and serious damage to the equipment. Wall or shelf mounting should follow the manufacturer's instructions, and should use a mounting kit approved by the manufacturer.

This equipment and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the equipment and cart combination to overturn.

Do not place this equipment in an enclosed space. Sufficient ventilation is required to prevent an increase in ambient temperature which can cause malfunction or the risk of fire.

#### 7. Power Sources

This equipment should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power, please consult your equipment dealer or local power company.

You may want to install a UPS (Uninterruptible Power Supply) system for safe operation in order to prevent damage caused by an unexpected power stoppage. Any questions concerning UPS, consult your UPS retailer.

This equipment should be remain readily operable.

#### 8. Power Cord

Operator or installer must remove power and TNT connections before handling the equipment.

#### 9. Lightning

For added protection for this equipment during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the equipment due to lightning and power-line surges. If thunder or lightning is common where the equipment is installed, use a surge protection device.

#### 10. Overloading

Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.

#### 11. Objects and Liquids

Never push objects of any kind through openings of this equipment as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the equipment.

#### 12. Servicing

Do not attempt to service this equipment yourself. Refer all servicing to qualified service personnel.

#### 13. Damage requiring Service

Unplug this equipment from the wall outlet and refer servicing to qualified service personnel under the following conditions:

A. When the power-supply cord or the plug has been damaged.

B. If liquid is spilled, or objects have hit the equipment.

C. If the equipment has been exposed to rain or water.

D. If the equipment does not operate normally by following the operating instructions, adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the equipment to its normal operation.

E. If the equipment has been dropped, or the cabinet damaged.

F. When the equipment exhibits a distinct change in performance — this indicates a need for service.

#### 14. Replacement Parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

#### 15. Safety Check

Upon completion of any service or repairs to this equipment, ask the service technician to perform safety checks to determine that the equipment is in proper operating condition.

#### 16. Field Installation

This installation should be made by a qualified service person and should conform to all local codes.

#### 17. T<sub>ma</sub>

A manufacturer's maximum recommended ambient temperature (T<sub>ma</sub>) for the equipment must be specified so that the customer and installer may determine a suitable maximum operating environment for the equipment.



## FCC Compliance Statement

THIS EQUIPMENT HAS BEEN TESTED AND FOUND TO COMPLY WITH THE LIMITS FOR A CLASS A DIGITAL DEVICE, PURSUANT TO PART 15 OF THE FCC RULES. THESE LIMITS ARE DESIGNED TO PROVIDE REASONABLE PROTECTION AGAINST HARMFUL INTERFERENCE WHEN THE EQUIPMENT IS OPERATED IN A COMMERCIAL ENVIRONMENT. THIS EQUIPMENT GENERATES, USES, AND CAN RADIATE RADIO FREQUENCY ENERGY AND IF NOT INSTALLED AND USED IN ACCORDANCE WITH THE INSTRUCTION MANUAL, MAY CAUSE HARMFUL INTERFERENCE TO RADIO COMMUNICATIONS. OPERATION OF THIS EQUIPMENT IN A RESIDENTIAL AREA IS LIKELY TO CAUSE HARMFUL INTERFERENCE, IN WHICH CASE USERS WILL BE REQUIRED TO CORRECT THE INTERFERENCE AT THEIR OWN EXPENSE.

**WARNING:** CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT. THIS CLASS OF DIGITAL APPARATUS MEETS ALL REQUIREMENTS OF THE CANADIAN INTERFERENCE CAUSING EQUIPMENT REGULATIONS.

## WEEE (Waste Electrical & Electronic Equipment)

Correct Disposal of This Product

(Applicable in the European Union and other European countries with separate collection systems)



This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

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

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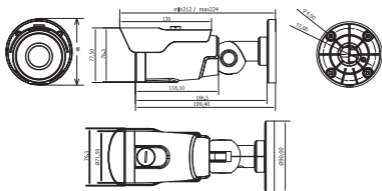
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## Accessories

Upon purchasing the product, check inside the box to make sure all the following accessories are included. External appearances and colors of the accessories may vary depending on the model.

	
CAMERA	CAMERA SUN-SHIELD
	
SCREW (4EA), ANCHOR (4EA)	WASHER FOR SUN-SHIELD
	
SCREW FOR SUN-SHIELD (1EA)	QUICK GUIDE
	
TERMINAL BLOCK (2EA)	RJ-45 WATERPROOF CAP (1EA)

## Dimension

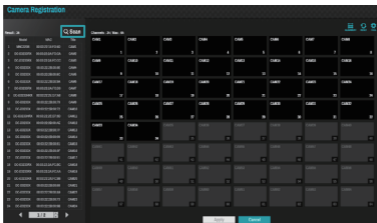


## Specifications

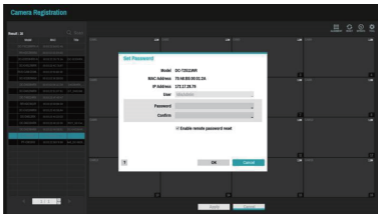
<b>Video</b>	
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Motorized Vari-focal
Focal Length	2.7mm - 13.5mm
Aperture	F1.6 - F3.3
Iris Control	Fixed Iris
Angular Field of View	Wide: 108.1°(H), 56.3°(V), 130.9°(D) Tele: 30.3°(H), 17.1°(V), 34.8°(D)
Min. Illumination	Color: 0.001 Lux@F1.6 B/W: 0 Lux (IR LED ON)
Dynamic Range	True WDR
Electronic Shutter Speed	Auto / Manual (1/30 - 1/100,000), Anti-Flicker, Slow Shutter (1 - 30)
Day and Night	Yes(ICR)
IR Distance (LEDs)	30m / 98.4ft (4 ea)
Image Setting	White Balance Mode, Sharpness, Contrast, Colors, Brightness
Backlight Compensation	BLC
Mirroring / Pivot	Horizontal / Vertical / Pivot
Image Stabilizer	-
De-fog	Yes
Privacy Masking	8 Zones
Intelligent Video	Motion Detection, Tampering Alarm
Video Out	-
<b>Pan/Tilt/Rotate</b>	
Pan Range	-
Tilt Range	-
Rotate Range	-
<b>Network</b>	
Video Compression	H.265 (MP), H.264, M-JPEG
Intelligent Codec	-
Bitrate Control	H.265 - CBR / VBR, H.264 - CBR / VBR
Audio Compression	G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	API, ONVIF Profile S/T, iDIS Lite
Max. Frame Rate	30ips: 1920 x 1080
Supported Resolution	1920 x 1080, 1280 x 720, 1024 x 576, 768 x 432, 704 x 392, 640 x 360, 384 x 216
Multi-video Streaming	Simultaneously H.265 and MJPEG (Multi Streaming) or Simultaneously H.264 and MJPEG (Multi Streaming)
Network Protocols	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf
Security	Multi User Authority, IP Filtering, HTTPS
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSrec)	-
Edge Storage	micro SDHC/SDXC
<b>Alarm and Event</b>	
Trigger Event	Motion Detection, Tampering
Event Notification	Email, FTP
Audio Alarm	-
Audio In / Out	Line-In / Line-Out
Alarm In / Out	1/1
<b>Environmental</b>	
Vandal Proof Casing	IK10
Outdoor Ready	IP67
Operation Temperature	-10°C ~ +50°C (+14°F ~ +122°F)
Operation Humidity	0% - 95%
<b>Electrical</b>	
Power Source	12VDC, PoE (IEEE 802.3af Class 2)
Power Consumption	5.93W
Approval	KC, CE, FCC
<b>Mechanical</b>	
Dimensions	Ø79.3mm x 77.5mm x 212mm (Ø3.12" x 3.05" x 8.34")
Weight	0.677kg (1.493 lb)

## Camera Registration (NVR)

- 1 Click the "Scan" button and click on the protocol as "IDIS Lite" and click on the "Scan".



- 2 Enter the new password, and then select OK. And mouse-drag the registered camera to each channel.

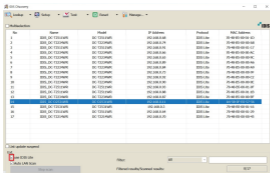


- 3 Please refer to the NVR manual for detailed setting afterwards.



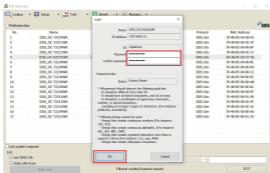
# Accessing the IP Camera

- 1 Executing the INIT Discovery Program.
- 2 Check the "Use IDIS Lite" box to search for the IP Camera.



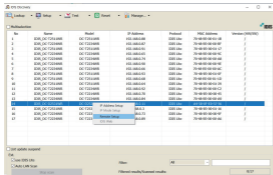
- 3 Navigate to Setup -> IP Address Setup menu to generate password.

- Use 9 to 15 characters
- Use 3 combination of uppercase letters, lowercase letters, number and special characters
- Not allowed characters : & , |



Note : The default ID for Lite cameras is 'IdisAdmin'.

- 4 Remote setup menu allows you to access camera setup.





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