

manuals.plus /

› [PROVISION ISR](#) /

› [PROVISION ISR 4MP IP PoE Camera CCTV IP Camera Outdoor/Indoor, 2.8mm Dome/Turret, IR 20m Night Vision, IP67 Waterproof, Security Surveillance, Built-in Mic, AI Recognition](#)

## PROVISION ISR DH-340IPSN-28

# PROVISION ISR 4MP IP PoE Camera User Manual

Model: DH-340IPSN-28

## PRODUCT OVERVIEW

The PROVISION ISR 4MP IP PoE Camera is a high-resolution surveillance solution designed for both indoor and outdoor environments. This dome/turret camera features 4-megapixel resolution, Power over Ethernet (PoE) for simplified installation, and advanced infrared night vision up to 20 meters. Its IP67 waterproof rating ensures durability in various weather conditions. Equipped with a built-in microphone and AI recognition capabilities, it provides comprehensive security monitoring with smart alerts and efficient storage management.



Image: Front view of the PROVISION ISR 4MP IP PoE Camera, showcasing its compact dome/turret design with integrated lens and IR illuminators.

## WHAT'S IN THE BOX

---

- Camera Body
- Instruction Manual
- Mounting Bracket & Screws

## KEY FEATURES

---

### High-Resolution 4MP Video

Captures clear and detailed images with 2560x1440 resolution, providing superior clarity compared to 1080P systems. Ideal for precise monitoring and identification.

## OUTSTANDING ULTRA HD CLARITY



**4MP** 2560x1440



**FIXED  
LENS**

lens  
**2.8**  
mm

SENSOR  
**1/3**  
FAMILY

2024-05-14 03:41:01

**1080P** 1920x1080

2024-05-14 03:41:01

Image: Visual comparison demonstrating the superior clarity of 4MP (2560x1440) resolution over 1080P (1920x1080).

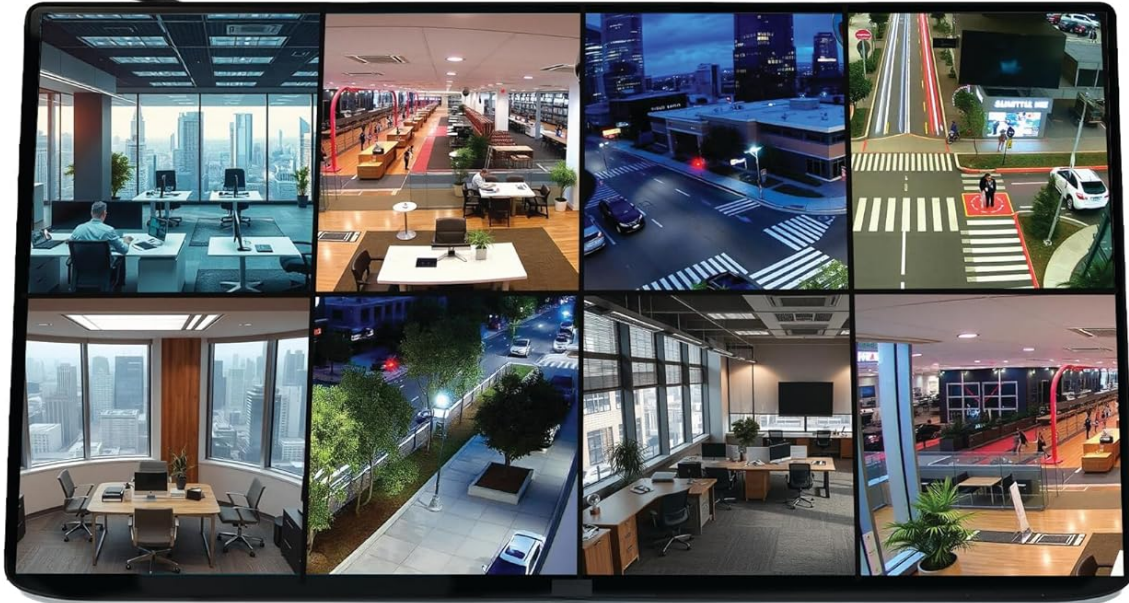
### Power over Ethernet (PoE)

Simplifies installation by allowing both power and data transmission over a single Ethernet cable. This reduces cabling complexity and costs.



# EASY INTEGRATION

## Plug & Play with PoE



**POWER OVER ETHERNET**  
Multi-User Streaming & ONVIF



Image: Diagram illustrating easy integration with an NVR system using Power over Ethernet (PoE), showing a single cable connection for power and data.

### Advanced Night Vision (IR 20m)

Equipped with infrared illuminators providing clear black-and-white video up to 20 meters (65 feet) in complete darkness, ensuring 24/7 surveillance capability.

### IP67 Weatherproof Rating

Designed for outdoor use, the camera is fully protected against dust ingress and can withstand immersion in water up to 1 meter for 30 minutes, making it suitable for harsh weather conditions.





Image: Close-up of the camera's durable, waterproof design, highlighting the IP67 rating and robust connectors for reliable outdoor performance.

### **Built-in Microphone & Two-Way Audio (One-Way Audio Recording)**

Features an integrated microphone for audio recording, enhancing surveillance capabilities. Supports one-way audio for real-time alerts and recording.

## BUILT-IN MICROPHONE & AUDIO



Image: Illustration showing the camera's built-in microphone and audio capabilities, including remote monitoring of audio interactions.

### AI Recognition & Smart Motion Detection

Utilizes advanced AI for human movement detection, DDA Sterile Area, and Line Crossing detection, reducing false alarms and providing precise alerts.





Image: Graphic demonstrating AI object recognition features like DDA Sterile Area and Line Crossing detection, with smart audio and motion alerts.

## H.265+ Compression

Employs efficient H.265+ video compression technology to significantly reduce storage space and bandwidth requirements while maintaining high video quality.

## SETUP GUIDE

---

### 1. Physical Installation

1. **Choose a Mounting Location:** Select a suitable indoor or outdoor location, preferably a ceiling or wall, that provides the desired viewing angle and is within reach of an Ethernet cable for PoE. Ensure the surface is strong enough to support the camera.
2. **Mounting the Bracket:** Use the provided mounting bracket as a template to mark drill holes. Drill pilot holes and

secure the mounting bracket to the surface using the supplied screws.

3. **Connect Ethernet Cable:** Connect a standard Ethernet cable (Cat5e or Cat6) from your PoE switch or NVR to the camera's Ethernet port. Ensure a secure connection. For non-PoE setups, a 12V DC power adapter (not included) will also be required.
4. **Attach the Camera:** Securely attach the camera body to the mounting bracket. Adjust the camera's angle and orientation as needed for optimal coverage.

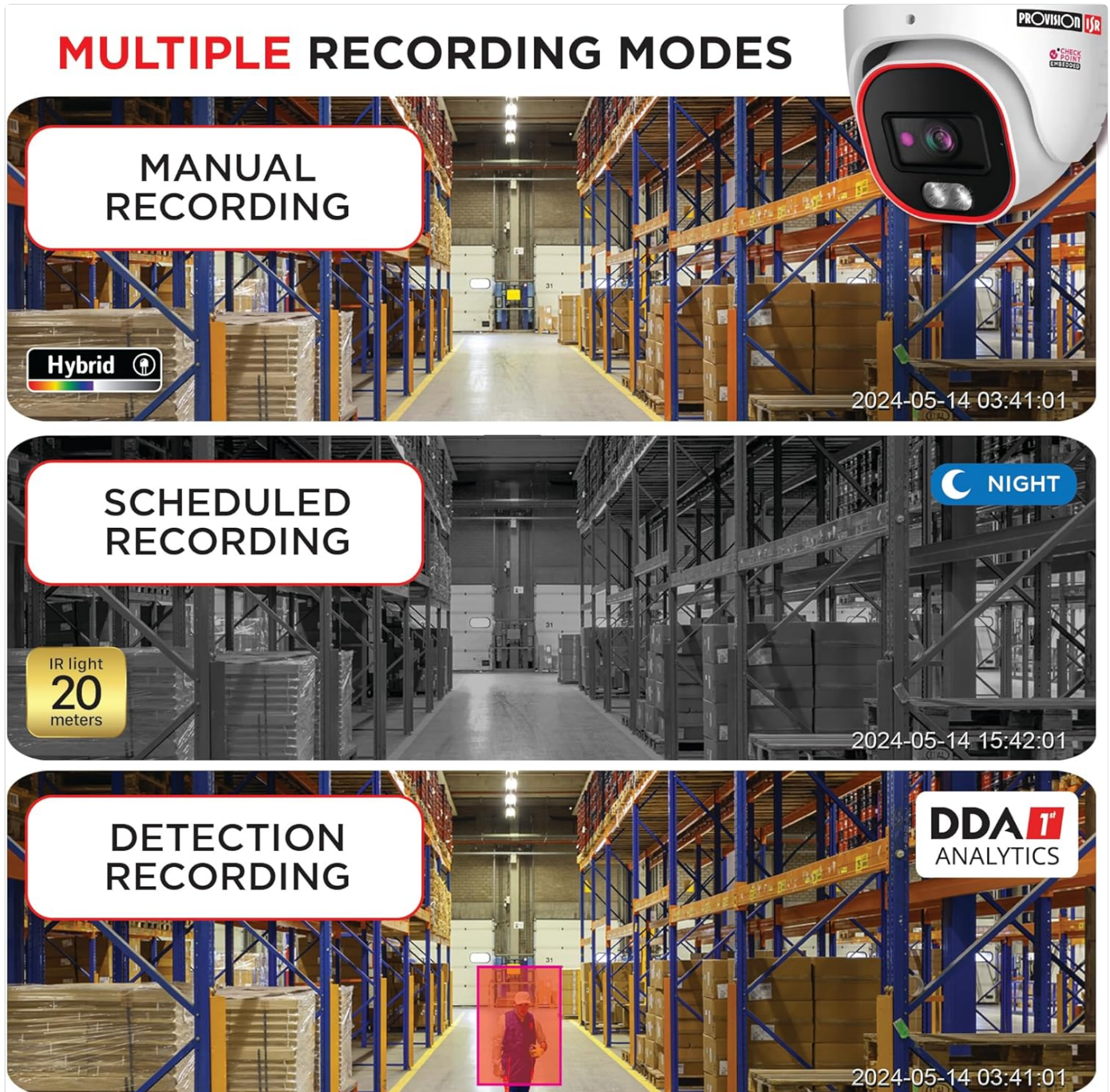


Image: A technician installing the camera on a ceiling, demonstrating the simple and stress-free installation process.

## 2. Network Configuration

The camera supports Plug & Play with PoE NVRs. For standalone use or integration with other systems, you may need to configure network settings via the camera's web interface or a dedicated software tool.

- **Initial Access:** Connect the camera to your network. Use a discovery tool provided by PROVISION ISR or your NVR to find the camera's IP address.
- **Web Interface:** Open a web browser and enter the camera's IP address. Log in using the default credentials (refer to



the included instruction manual for default username/password).

- **Network Settings:** Configure IP address, subnet mask, gateway, and DNS settings as required by your network. Ensure the camera is on the same network segment as your viewing devices or NVR.
- **Password Change:** For security, it is highly recommended to change the default password immediately after initial login.

## OPERATING THE CAMERA

---

### 1. Remote Access and Monitoring

Access your camera's live feed and recordings from anywhere using the dedicated mobile application or PC software.

- **Mobile Application:** Download the official PROVISION ISR mobile app from your device's app store. Register an account, add your camera using its QR code or serial number, and begin live viewing and receiving alerts.
- **PC Software/Web Interface:** Use the provided PC client software or access the camera via its web interface for comprehensive management, including multi-camera views, recording playback, and advanced settings.

# REMOTE ACCESS

## Ai-Powered Detection



### MOBILE APPLICATION

Watch live video and  
receive instance alerts

**Ai VIDEO  
DETECTION** 

Image: A smartphone displaying a multi-view live feed from the camera, illustrating remote access and AI-powered detection capabilities.

## 2. Recording Modes

The camera supports various recording modes to suit your surveillance needs, optimizing storage and ensuring critical events are captured.

- **Manual Recording:** Initiate recording manually from the NVR or software interface.
- **Scheduled Recording:** Set specific times for continuous recording, such as during business hours or overnight.
- **Detection Recording:** Records only when motion or AI-triggered events are detected, saving storage space and making event review more efficient.



# SIMPLE INSTALLATION

## Stress-Free Maintenance



Image: Visual representation of different recording modes: Manual, Scheduled (with IR night vision), and Detection (highlighting AI analytics).

### 3. AI Features and Alerts

Leverage the camera's intelligent analytics for enhanced security.

- **Motion Detection:** Configurable sensitivity and detection zones to trigger alerts and recordings upon movement.
- **AI Human Detection:** Distinguishes human shapes from other moving objects, significantly reducing false alarms from animals, rain, or swaying trees.
- **DDA Analytics:** Includes Sterile Area and Line Crossing detection for advanced perimeter security.
- **Alert Notifications:** Receive instant push notifications on your mobile device or email alerts when an event is detected.

## MAINTENANCE

---

Regular maintenance ensures optimal performance and longevity of your camera.

- **Lens Cleaning:** Periodically clean the camera lens with a soft, lint-free cloth. For stubborn dirt, use a mild lens cleaning solution. Avoid abrasive materials that could scratch the lens.
- **Housing Cleaning:** Wipe the camera housing with a damp cloth to remove dust and grime. Do not use harsh chemicals.
- **Firmware Updates:** Check the PROVISION ISR website or your NVR/software for available firmware updates. Keeping the firmware updated ensures access to the latest features and security patches.
- **Cable Inspection:** For outdoor installations, periodically inspect the Ethernet cable and connections for any signs of wear, damage, or corrosion.

## TROUBLESHOOTING

| Problem                       | Possible Cause  | Solution   |
|-------------------------------|---|--|
| No Image/Video Feed           | No power; Network connectivity issue; Incorrect IP address.               | Check PoE connection or 12V DC power supply. Verify Ethernet cable connection. Ensure camera's IP address is correct and accessible on the network. Restart camera and NVR/router. |
| Poor Image Quality            | Dirty lens; Low light conditions; Incorrect resolution settings.          | Clean the camera lens. Ensure sufficient lighting or verify night vision is active. Check video resolution settings in the camera's web interface or NVR.                          |
| Motion Detection Not Working  | Detection zone not configured; Sensitivity too low; AI features disabled. | Configure motion detection zones and sensitivity in settings. Enable AI human detection if desired. Ensure recording schedule is set correctly for detection events.               |
| Cannot Access Camera Remotely | Network firewall blocking access; Incorrect port forwarding; DDNS issue.  | Check router settings for port forwarding (if not using P2P/Cloud). Ensure DDNS service is active and correctly configured. Verify internet connection.                            |

## SPECIFICATIONS

| Feature                         | Detail                |
|---------------------------------|-----------------------|
| Model Number                    | DH-340IPSN-28         |
| Indoor/Outdoor Usage            | Indoor, Outdoor       |
| Video Capture Resolution        | 4MP (2560x1440)       |
| Connectivity Technology         | Ethernet, PoE, Wired  |
| Night Vision Range              | 20 meters (65 Feet)   |
| International Protection Rating | IP67 (Waterproof)     |
| Built-in Microphone             | Yes (Audio Recording) |









| Feature                | Detail  |
|------------------------|---|
| AI Recognition         | Human Detection, DDA Sterile Area, Line Crossing            |
| Video Compression      | H.265+  |
| Viewing Angle          | 93 Degrees  |
| Power Source           | Corded Electric (PoE or 12V DC)                             |
| Voltage                | 12 Volts (DC)   |
| Wattage                | 6 watts   |
| Storage Support        | Up to 256 GB (Flash Memory Type: SD)                        |
| Frame Rate             | 30 frames per second  |
| Material               | Plastic   |
| Dimensions (L x W x H) | 3.25 x 3.81 x 3.25 inches                                   |
| Item Weight            | 1.19 pounds   |
| Mounting Type          | Ceiling Mount   |
| Compatible Devices     | Desktop, Laptop, Network Video Recorder, Smartphone, iPhone |
| Controller Type        | Android, App, Browser, NVR                                  |
| UPC                    | 860013499624  |

## WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official PROVISION ISR website or contact their customer support directly. Keep your purchase receipt and product serial number handy for faster service. PROVISION ISR offers various protection plans for extended coverage, which can be purchased separately. Details on these plans are available at the point of purchase or through authorized dealers.

**Online Resources:** Visit the [PROVISION ISR Store on Amazon](#) for additional product information and resources.



|   |   |
|---|---|
|     | <p><a href="#">PROVISION ISR IP Camera User Manual: DW-320FR-MVF2, TW-320FR-MVF2, BX-321FR Setup and Configuration</a></p> <p>Comprehensive user manual for PROVISION ISR IP cameras, including models DW-320FR-MVF2, TW-320FR-MVF2, and BX-321FR. Covers installation, network configuration, live preview, advanced analytics like face recognition, and troubleshooting.</p>     |
|    | <p><a href="#">PROVISION ISR SMART PLATE License Plate Recognition Cameras Installation Guide</a></p> <p>Comprehensive installation guide for PROVISION ISR SMART PLATE License Plate Recognition Cameras, covering setup, configuration, and application examples for gate control and street monitoring. Includes technical specifications and NVR integration details.</p>       |
|   | <p><a href="#">Provision-ISR IP Camera User Manual: Eye-Sight v2 Series</a></p> <p>Comprehensive user manual for Provision-ISR Eye-Sight v2 IP cameras, covering setup, configuration, remote access, live preview, analytics, and troubleshooting for models like 320IPE 2MP and 340IPE 4MP.</p>   |
|  | <p><a href="#">Provision ISR IP Camera User Manual: Setup, Configuration, and Operation</a></p> <p>Comprehensive user manual for Provision ISR IP cameras (IP Series, Eye-Sight, Dark-sight). Learn how to set up, configure, and operate your camera for high-performance CCTV solutions.</p>  |
|  | <p><a href="#">Provision ISR NVR8-8200N: 8MP 8CH NVR with Check Point &amp; NDAA Compliance</a></p> <p>Detailed specifications for the Provision ISR NVR8-8200N, an 8MP 8-channel Network Video Recorder featuring Check Point Quantum IoT Nano agent for advanced cyber protection and NDAA compliance. Includes video, audio, analytics, storage, and network specifications.</p> |
|  | <p><a href="#">Provision-ISR I5PT-390AX4/X10 1080P AHD IR Bullet PTZ Camera User Manual</a></p> <p>Quick installation guide and user manual for the Provision-ISR I5PT-390AX4/X10 1080P AHD IR Bullet PTZ Camera, covering setup, safety, specifications, and commands.</p>   |