

New System Installation Checklist

A basic guide to ensure correct setup and configuration of a new LILIN system

NVR Initial Setup

- Log in to the NVR and create a secure admin password
- Confirm / change default IP address (Default: **192.168.0.111**)
- Configure network settings (IP address, Gateway, DNS)
 - *Menu: NVR → Network*
- Set the NVR name
 - *Menu: NVR → System*

Time & Storage Configuration

- Enable NTP (Network Time Protocol)
 - *Menu: System → Time*
- Set date and time format for UK region
 - *Menu: System → Time*
- Verify and format HDD (if required)
 - *Menu: System → Storage*

Camera Configuration (If required)

- Log in to each camera
- Enable on-screen date/time display (OSD clock)
 - *Menu: Setup → System → OSD → Date*
- Assign camera names
 - *Menu: Setup → System*
- Enable on-screen camera names (Camera ID)
 - *Menu: Setup → System → OSD → Date*

Camera Integration with NVR

- Add cameras to the NVR
 - *Menu: NVR → Camera Menu*
- Configure encoding to **H.265 (if required)**
- Optimise bitrate and frame rate settings
- Enable time synchronisation with NVR

User & Access Setup

- Create users and assign permissions
 - *Menu: System → User*

Remote Access Configuration

- Enable **P2P** or configure **DDNS**
 - *Menu: Network → Advanced → P2P*
 - *Menu: Network → DDNS*
- If using DDNS, configure port forwarding on router

Advanced Camera Features

- Configure AI functions (if available)
 - *Menu: Camera AI Settings*

Alarm & Event Configuration (If required)

- Set alarm output to **IP Camera**
 - *Menu: NVR → Alarm Menu*
- Configure META data
 - *Menu: NVR → META Data*
- Enable audio recording (if supported)
 - *Menu: NVR → Record*
- Configure and enable notifications
 - *Menu: Alarm → Output → Notifications*

Mobile App Setup

- Add NVR to **LILINPro App** using P2P or DDNS