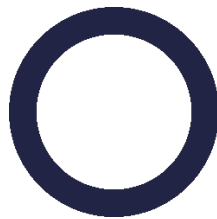


Entryphone QVDDP

Installation and set-up manual



1. Introduction

The QVDDP is a digital door entry panel designed for use with the Entryphone Q-Series system. It provides a compact panel with keypad and display, allowing residents and visitors to communicate securely and operate connected door locks.

These instructions are intended for qualified installers and cover:

- Mechanical installation of the panel
- Wiring connections and cabling requirements
- Initial setup via the built-in web interface, or using the unit's keypad and screen

The QVDDP is suitable for:

- Single blocks of apartments (Block mode)
- Multi-block developments (General mode)

What's included:

- QVDDP digital door panel
- Back box (flush or surface, model dependent)
- Fixings pack
- Installer instructions

Key features:

- Digital keypad with alphanumeric addressing
- Two-wire Q-Series bus connection
- Support for up to 32 blocks and 4 panels per block
- Integrated coded access function
- Adjustable lock timings and audio settings
- Built-in RJ45 port for laptop configuration

2. Installer Requirements

The QVDDP is designed for professional installation. The following requirements must be met to ensure safe and reliable operation.

Equipment Required

- Laptop with Ethernet port (or USB–Ethernet adapter) for web configuration
- Network patch cable (RJ45)

Safety Notes

- Work must be carried out in accordance with local electrical safety regulations.
- Disconnect power before making or altering connections.
- Ensure door lock wiring complies with fire and emergency escape regulations.

Installer Knowledge

- Familiarity with two-wire bus door entry systems
- Basic IP networking skills (for laptop configuration)
- Ability to interpret wiring diagrams and follow structured programming steps

3. Preparation

Before installing the QVDDP, check the site conditions and plan the installation carefully.

Location

- Mount the panel at a convenient height for all users (typically 1.5–1.6 m from ground level to keypad).
- Ensure the panel is clearly visible, accessible, and well lit.
- Avoid locations exposed to excessive moisture, direct sunlight, or vandal risk.
- Take care when choosing the panel position so that callers will be clearly visible to residents. Where a good position cannot be achieved, a second camera can be connected to the system to provide residents with an alternative view.
- Avoid mounting where strong backlighting or obstructions could affect the camera view.

Back Box

- Confirm whether a flush or surface back box is required.
- Ensure the wall opening or mounting surface is suitable for the chosen option.

Cabling and Wiring

- All wiring should be installed in accordance with the **“Q Series Video schematics, Connection Diagrams and Installation Notes”** booklet.
- For the two-wire Bus connection, we recommend using a multicore cable such as CAT5 or CW1308. Use doubled-up conductors to form the two-wire bus (e.g. twist together the green pair for one core and the blue pair for the other). This provides improved reliability and reduces voltage drop on longer runs. The remaining two pairs can be left available as spares for future use or as replacements in the event of a fault.
- Keep cables protected from damage and avoid running in parallel with mains cables where possible.

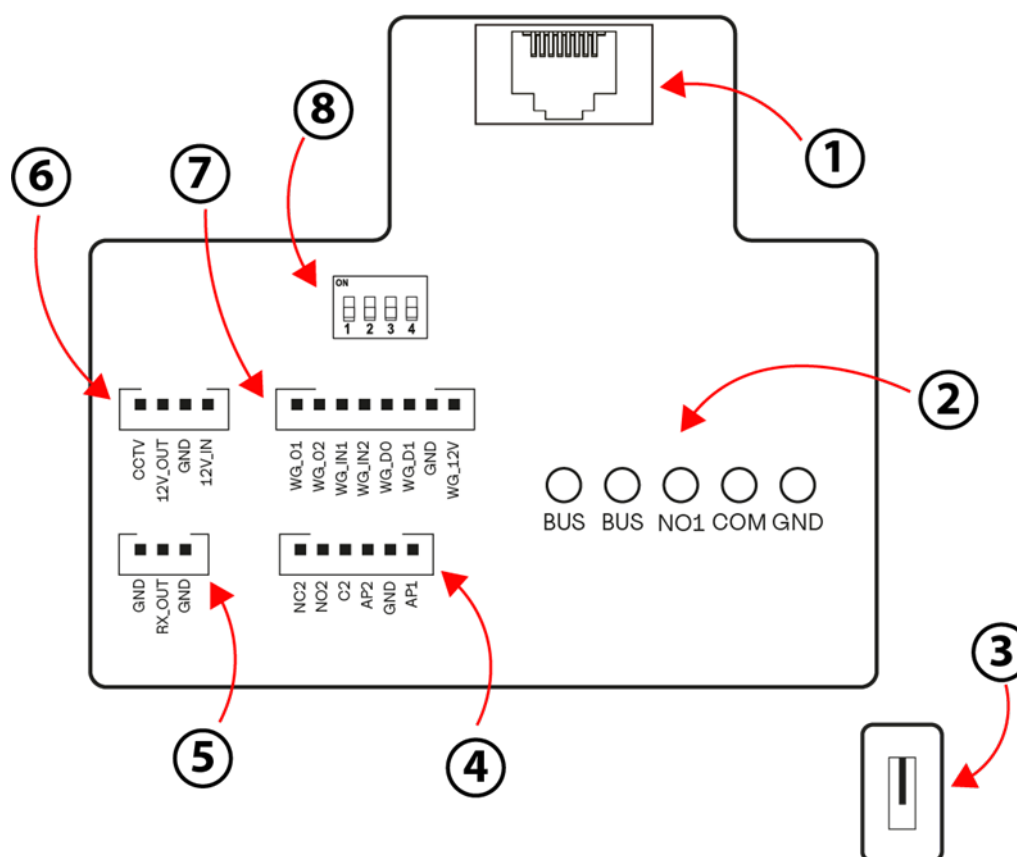
Power supply

- Confirm the location of the Q-Series system power supply.
- Ensure there is safe and reliable access for maintenance.

Laptop Connection

- The RJ45 socket on the rear of the panel is used only for local configuration with a laptop.
- To avoid removing the panel for future adjustments, consider installing a permanent RJ45 extension socket to a convenient location (e.g. near the power supply).

4. Connections



Connections

On most installations, only the **two-wire BUS connection** (to the Q-Series system) and the **RJ45 socket** (for setup with a laptop) are required. Other terminals are provided for locks, exit buttons, tamper, and auxiliary devices where needed.

Note: Unused terminals should be left unconnected. For full system wiring, always refer to the “Q Series Video Schematics, Connection Diagrams and Installation Notes” booklet.

1. RJ45 Socket

- Located on the rear of the QVDDP.
- Used **only for local configuration with a laptop** via the built-in web interface.
- For convenience, consider extending this connection to an accessible RJ45 outlet (e.g. near the power supply) to avoid removing the panel for future adjustments.

2. Main BUS and Local Lock 1

- **Main BUS:**
 - Two terminals for connection to the Q-Series two-wire bus.
 - Carries power, audio, video, and data signals between the panel and the rest of the system.
 - **Not polarity sensitive** – either conductor can be connected to either terminal.

- **Local Lock 1:**
 - Relay output for controlling a door lock directly from the panel.
 - In general, we recommend locks are controlled via the **QVRL lock relay module**, which provides improved reliability and flexibility.
 - The Local Lock 1 output should only be used **where fitting a separate lock relay is impractical**.
 - Unlock time is adjustable in the settings menu.

3. Tamper

- Internal switch to trigger the built-in alarm; rarely used and alignment can be tricky.

4. Local Lock 2 and RTE 1 & 2


- **Local Lock 2 Terminals (C2, NO2, NC2):**
 - Relay output for controlling a second door lock.
 - Terminals provide **Common (C2)**, **Normally Open (NO2)**, and **Normally Closed (NC2)** contacts.
 - As with Lock 1, we recommend locks are controlled via a **QVRL lock relay module** wherever possible.
 - Use the Local Lock 2 relay only where fitting a separate relay is impractical.
 - Unlock time is adjustable in the Settings menu.
- **RTE (Request to Exit) Inputs (AP1, AP2, GND):**
 - Connections for exit buttons to release the locks.
 - **AP1** triggers Lock 1; **AP2** triggers Lock 2.
 - Both require a return connection to **GND**.
 - Default exit delay is 1 second but can be adjusted in the web interface.

5. Serial Data Output

- This feature is **not implemented** on the QVDDP, no connections should be made.

6. 2nd Camera

- Terminals: **CCTV, 12V_OUT, GND, 12V_IN**
- Allows connection of an **analogue CCTV camera** to provide an additional video view.
- **12V_OUT** may be used to power the camera (check the camera's current requirements).
- **CCTV signal** and **GND** connect the video feed to the door unit.
- **12V_IN** allows the camera to be powered from an external supply if required.
- The additional camera is enabled or disabled by entering the appropriate setup commands through a **QVT1 monitor**.
- When enabled, residents can use the **camera button on their monitor** to cycle between the door panel's built-in camera and the second CCTV feed.

 **Note:** Always verify the analogue camera is correctly powered and terminated. Use only cameras suitable for low-voltage door entry integration.

7. Wiegand Reader Input

- This feature is **not implemented** on the QVDDP, no connections should be

8. Door Select (DIP Switch)

- Not used on the QVDDP; leave in default position as door settings are configured via the web interface.

5. Initial Setup & Programming

Important – Recommended Setup Method

The QVDDP supports two programming methods:

- **Web Interface Setup (using a laptop connected to the RJ45 port)**
- **On-Unit Setup (using the keypad and display)**

NOTE:

Installers should **always use the web interface method wherever possible**. It is faster, easier to navigate, and significantly less prone to error or frustration. The on-unit method is intended only as a backup for occasions when a laptop is not available.

Web Interface Setup (using a laptop connected to the RJ45 port)

5.1 Connecting a Laptop to the Unit

The QVDDP can be configured through its built-in web interface, accessed via a direct laptop connection. **If you are unfamiliar with setting up your laptop for direct connection, follow the notes in Section 4.2 on the next page.**

1. **Locate the RJ45 socket**
 - The RJ45 network socket is on the **rear of the door unit**.
 - To connect directly, remove the panel carefully and plug an Ethernet cable from your laptop into this socket.
2. **Optional permanent extension**
 - To avoid removing the panel for future adjustments, installers may find it useful to run a **permanent RJ45 extension socket** from the unit to a convenient location (e.g. near the power supply).
 - This allows laptop connection without disturbing the panel once it is mounted.
3. **Default IP configuration**
 - By company policy, the **Local IP Address** of the unit is set to **192.168.0.55**
 - Your laptop must be configured on the same subnet (e.g. 192.168.0.10) in order to communicate with the unit, **see Section 4.2** for guidance on this.
4. **Accessing the web interface**
 - Open a web browser on the laptop.
 - Enter the IP address of the unit (default: **192.168.0.55**) into the address bar.
 - The QVDDP web interface login screen will appear.
5. **Logging in**
 - At the login screen, enter the default administrator password: **9999**.
 - Once logged in, proceed to the Settings menu to configure the unit.
 - Important: The default password must be changed during commissioning.
 - Do not forget the new password, as the only bypass is a full hardware reset, and the procedure for this is not published.

Tip: Keep a record of the IP address set during installation. A quick photo of the **About screen** (Section 6.3.7) is the easiest way to ensure you always have the correct details.

5.2 Configuring Your Laptop Network Settings

To communicate with the QVDDP, your laptop must be on the same subnet as the unit.

Unit default:

- Local IP Address = **192.168.0.55**
- Subnet Mask = **255.255.255.0**

Laptop setup (Windows example):

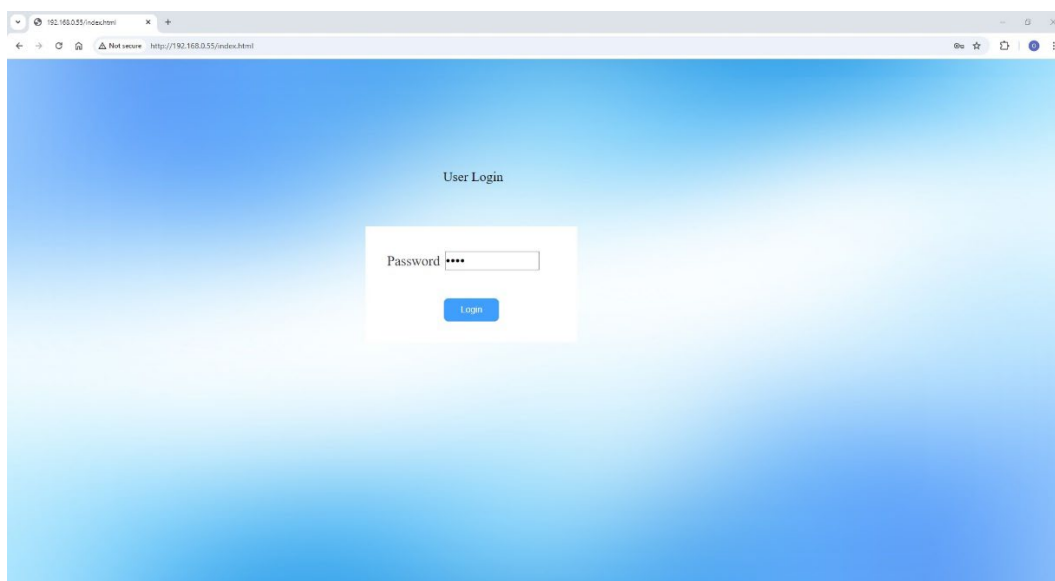
1. Go to **Control Panel → Network and Sharing Centre → Change adapter settings**.
2. Right-click **Ethernet**, select **Properties**, then choose **Internet Protocol Version 4 (TCP/IPv4)**.
3. Select **Use the following IP address** and enter:
 - IP Address: **192.168.0.10** (any unused address between 192.168.0.2 and 192.168.0.254 is valid, avoid .55)
 - Subnet Mask: **255.255.255.0**
 - Default Gateway: leave blank
4. Click **OK** to save and close.

Laptop setup (macOS example):

1. Go to **System Preferences → Network**.
2. Select **Ethernet**, then click **Advanced → TCP/IP**.
3. From **Configure IPv4**, choose **Manually**.
4. Enter:
 - IP Address: **192.168.0.10**
 - Subnet Mask: **255.255.255.0**
 - Router: leave blank
5. Click **Apply**.

Test the connection:

- Open a web browser and enter **192.168.0.55**.
- The QVDDP login page should appear. - default administrator password: **9999**



5.3 Web Interface – Settings

- The Settings menu is split across three pages, navigate between pages using the **Next** and **Previous** buttons.
- After making any changes, always click **Apply** to save as **unsaved changes will be lost** if you move to another page or close the browser.
- **Factory defaults are shown in [square brackets].**

Page 1 – General Settings

Door panel mode [0 General - 1 Block] 1

Block number [1-32] 1

Door panel number [1-4] 3

Primary video from CCTV ☐

Illumination leds [0 OFF - 1 ON - 2 Auto] 2

Acoustic messages [0 OFF - 1 Voice - 2 Acoustic tones] 0

Speech volume level [1-3] 2

Ringtone volume level [1-3] 2

Microphone gain [1-3] 2

Beep ☒

Apply Next

Door Panel Mode – [1]

- 0 = General (multi-block system)
- 1 = Block (single block of flats)

NOTE:

In **Block Mode**, the door panel only communicates with the handsets/monitors within its own block. It will not address residents outside of that block.

In **General Mode**, the door panel can call across multiple blocks. Each block is identified by its block number, allowing a single panel to address residents in different blocks. This mode is most typically used where it is fitted at a **perimeter gate or main entrance** that serves more than one block.

- **Block Number – [1]**
 - Range: 1–32 (used only in Block mode).
- **Door Panel Number – [1]**
 - Range: 1–4 (identifies the door panel when a block has multiple entrances).
- **Primary Video from CCTV – [unticked]**
 - Tick to use an external CCTV feed as the primary video source.

Page 1 – General Settings (continued...)

Illumination LEDs – [2]

- 0 = Off
 - 1 = On (always)
 - 2 = Auto (controlled by light sensor)
- **Acoustic Messages – [0]**
 - 0 = Off
 - 1 = Voice prompts
 - 2 = Acoustic tones
- **Speech Volume Level – [2]**
 - Range: 1–3 (Low–High).
- **Ringtone Volume Level – [2]**
 - Range: 1–3 (Low–High).
- **Microphone Gain – [2]**
 - Range: 1–3 (Low–High).
- **Beep – [ticked]**
 - Tick to enable keypad button press beep.
- **Time Synchronisation**
 - A button is provided to synchronise the unit's internal clock with the PC's system time. Click to update the time automatically.

Page 2 – Locks, Access Control & Call Modes – default values in []

The screenshot shows a web browser window with the URL `http://192.168.0.55/main.html`. The page has a blue header with navigation links: **Settings**, **Name List**, **Access cards**, **Event log**, and **About**. The user is logged in as **admin** on **2024-8-30 10:26:25**.

The main content area is divided into two panels:

- LOCK 1**
 - Unlock time: s
 - Exit button delay time: s
- LOCK 2**
 - Unlock time: s
 - Exit button delay time: s

The **Access control** panel includes:

- Unlock with access code: ☒
- Access code 1 [four-digit number]:
- Access code 2 [four-digit number]:
- Tamper alarm: ☐

The **Special calling modes** section includes:

- Single-building: ☐
- Disable guard button: ☒
- Second call code: ☒

At the bottom, there are three green buttons: **Previous**, **Apply**, and **Next**.

Lock Settings:

- **Lock 1 Unlock Time** [2.0s]
- **Lock 1 Exit Button Delay** [1.0s]
- **Lock 2 Unlock Time** [1.0s]
- **Lock 2 Exit Button Delay** [1.0s]

Access Control:

- **Unlock with Access Code –** [ticked]
- **4 Digit Access Code 1** [blank]
- **4 Digit Access Code 2** [blank]
- **Tamper Alarm** [unticked]

Special Calling Modes:

- **Single-Building** [unticked]
- **Disable Guard Button** [ticked]
- **Second Call Code –** [ticked]

Page 3 – Network & Passwords

The screenshot shows a web interface for configuring network and password settings. The interface is in a browser window with the address bar showing 'http://192.168.0.55/main.html'. The top navigation bar includes links for Settings, Name List, Access cards, Event log, and About. The user is logged in as 'admin' and the date/time is 2024-8-30 10:27:01. The main content area has two panels. The 'Network' panel on the left has a toggle for 'Automatic settings' which is currently unchecked. Below it are input fields for 'Local IP' (192.168.0.55), 'Subnet Mask' (255.255.255.0), 'Gateway' (192.168.0.1), and 'DNS' (8.8.8.8). The 'PASSWORD' panel on the right has input fields for 'Administrator' (9999) and 'User' (5555), followed by a green 'Submit' button. At the bottom of the main content area are two green buttons: 'Previous' and 'Apply'.

Network Settings: do not alter these values unless confident in network setup.

- **Automatic Settings (DHCP)** – [not ticked]
- **Local IP Address** – [192.168.0.55]
- **Subnet Mask** – [255.255.255.0]
- **Gateway** – [192.168.0.1]
- **DNS** – [8.8.8.8]

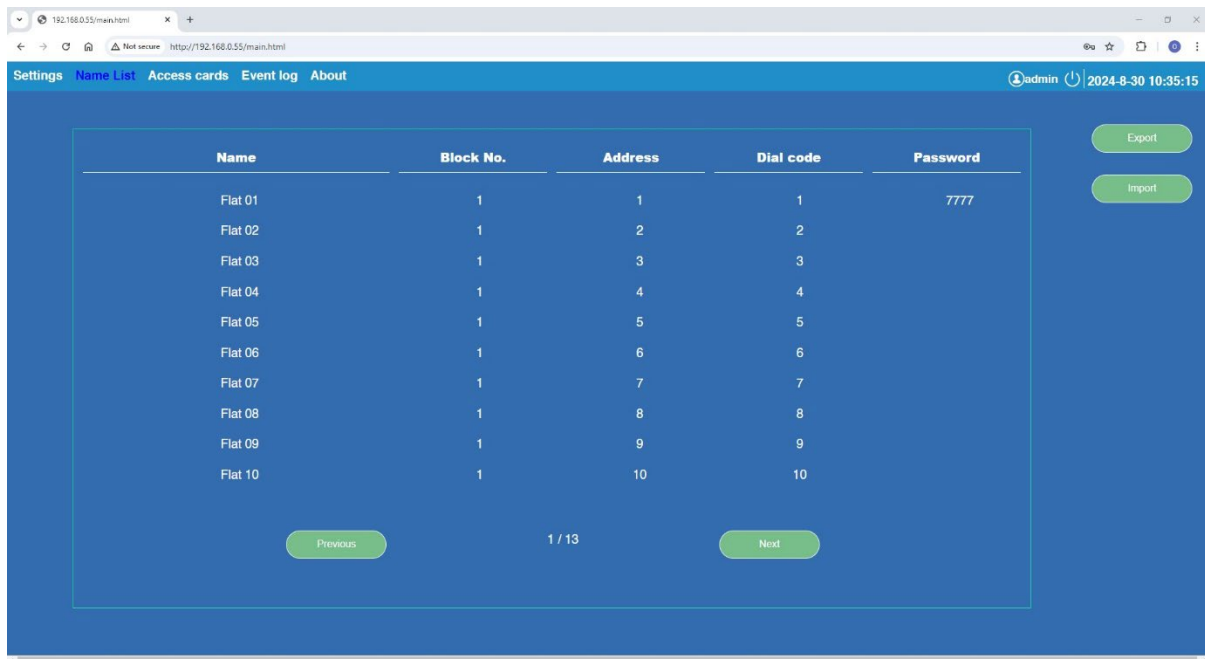
Password Settings:

- **Administrator Password** – [9999]
 - Enter a new four-digit password to change.
 - Press **Submit** to confirm.
 - Screen shows: **“Password successfully changed”**.
- **User Password** – [5555]
 - This feature is **not available** on the QVDDP model.

Note on Password Security

- The factory default administrator password is **9999**.
- Installers **must change this** during commissioning to prevent unauthorised access.
- Choose a code that is not obvious (avoid 0000, 1234, or repeating digits).
- **Do not forget the new password** – the only way to bypass it is with a full hardware reset, and the procedure for this is not published.

5.4 Web Interface – Name List



The screenshot shows a web browser window with the URL <http://192.168.0.55/main.html>. The interface has a blue header with navigation links: Settings, Name List (active), Access cards, Event log, and About. On the right of the header, it shows 'admin' and a clock '2024-8-30 10:35:15'. Below the header is a table with 5 columns: Name, Block No., Address, Dial code, and Password. The table contains 10 rows of data for flats 01 to 10. To the right of the table are 'Export' and 'Import' buttons. Below the table are 'Previous', '1 / 13', and 'Next' buttons.

Name	Block No.	Address	Dial code	Password
Flat 01	1	1	1	7777
Flat 02	1	2	2	
Flat 03	1	3	3	
Flat 04	1	4	4	
Flat 05	1	5	5	
Flat 06	1	6	6	
Flat 07	1	7	7	
Flat 08	1	8	8	
Flat 09	1	9	9	
Flat 10	1	10	10	

The **Name List** screen displays all resident records programmed into the unit in a tabular format.

Table Headings:

1. **Name**
 - The resident's name as displayed on the door panel screen.
2. **Block No**
 - Defines the block associated with the flat/apartment.
 - In **Block mode**: must always be set to **1**.
 - In **General mode**: can be set from **1–32**.
3. **Address**
 - The flat or apartment number.
 - This is the value callers enter on the keypad to reach the resident.
 - **Alphanumeric entries are supported** (e.g. "12A", "G1", "32B").
4. **Dial Code**
 - The internal numeric code used by the system to route the call to the correct monitor or handset.
 - **Must be strictly numeric**.
 - Usually corresponds to the Address but does not have to.
5. **Password**
 - An optional personal access code linked to the resident.
 - Can be used for coded entry (if enabled in **Access Control**).

Navigation:

- Up to **10 records per page** are shown.
- Use the **Previous** and **Next** buttons to move between pages.

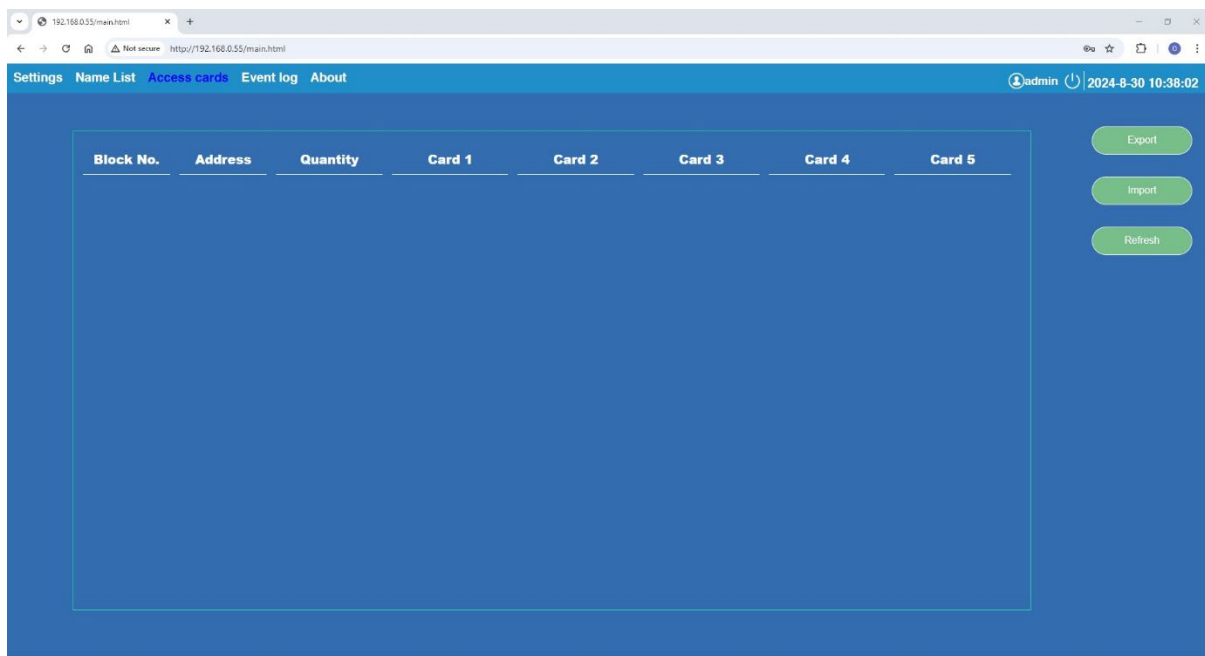
5.4 Web Interface – Name List (continued...)

Editing Records:

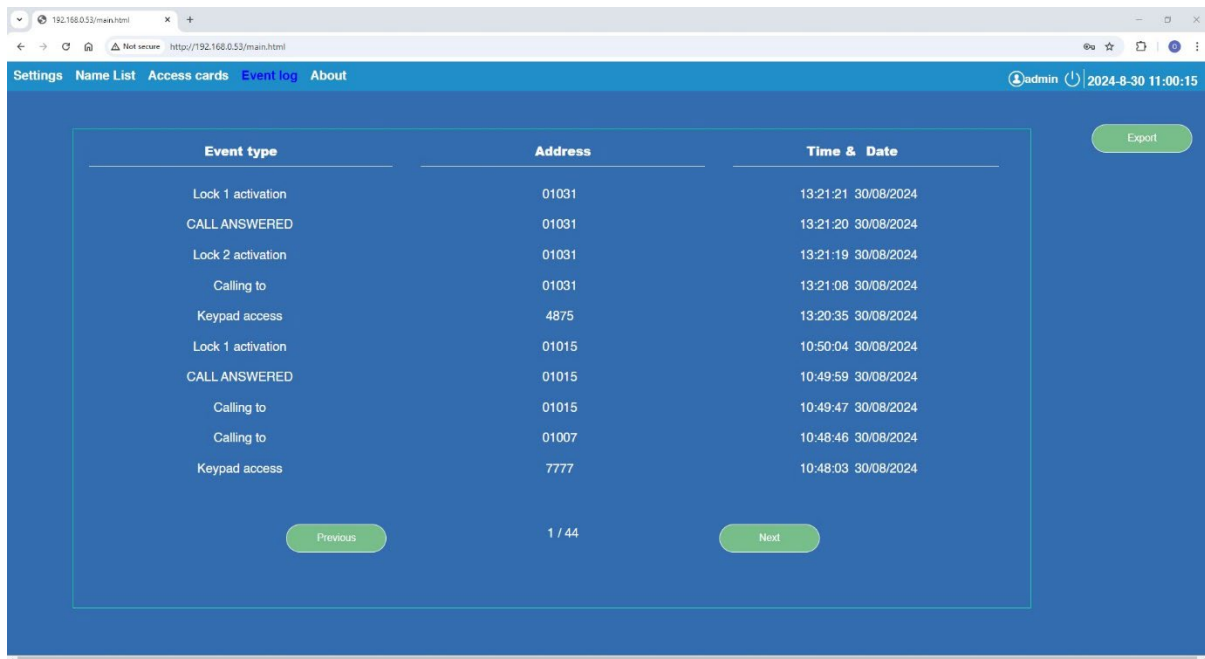
- Records on this screen are **read-only** and cannot be edited directly in the web interface. To add or modify records, use the export/import process described below.
 - Click **Export** to download the file **namelist.csv**.
 - Open the file in a spreadsheet editor (e.g. Excel).
 - Edit names, block numbers, addresses (alphanumeric), dial codes (numeric only), or passwords as required.
 - Save the file with the exact filename namelist.csv.**
 - Important:** The unit will only recognise a file named exactly namelist.csv. Any other filename will not be accepted when importing.
 - When exporting, the unit will always suggest the filename namelist.csv. You may save additional **backup copies** under different filenames (e.g. namelist_backup_2024-08-18.csv) to help identify versions. These are useful for archiving or restoring older records, but remember that only a file named namelist.csv can be imported back into the unit.
 - Click **Import** to upload the updated file back into the unit.

5.5 Web Interface – Access Cards

THE ACCESS CARD FEATURE IS NOT IMPLEMENTED ON THE QVDDP



5.6 Web Interface – Event Log



The screenshot shows a web browser window with the URL `http://192.168.0.53/main.html`. The interface has a blue header with navigation links: **Settings**, **Name List**, **Access cards**, **Event log** (active), and **About**. On the right of the header, it shows a user profile icon for 'admin' and the date/time '2024-8-30 11:00:15'. Below the header is a table with three columns: **Event type**, **Address**, and **Time & Date**. The table contains 10 rows of event data. To the right of the table is a green **Export** button. Below the table are three green buttons: **Previous**, **1 / 44**, and **Next**.

Event type	Address	Time & Date
Lock 1 activation	01031	13:21:21 30/08/2024
CALL ANSWERED	01031	13:21:20 30/08/2024
Lock 2 activation	01031	13:21:19 30/08/2024
Calling to	01031	13:21:08 30/08/2024
Keypad access	4875	13:20:35 30/08/2024
Lock 1 activation	01015	10:50:04 30/08/2024
CALL ANSWERED	01015	10:49:59 30/08/2024
Calling to	01015	10:49:47 30/08/2024
Calling to	01007	10:48:46 30/08/2024
Keypad access	7777	10:48:03 30/08/2024

The **Event Log** records system activity and stores up to **1000 entries** and records the following

1. **Event Type**
 - The type of event recorded (e.g. call, unlock, error).
2. **Address**
 - The flat/apartment address or code related to the event.
3. **Time & Date**
 - The timestamp when the event occurred.

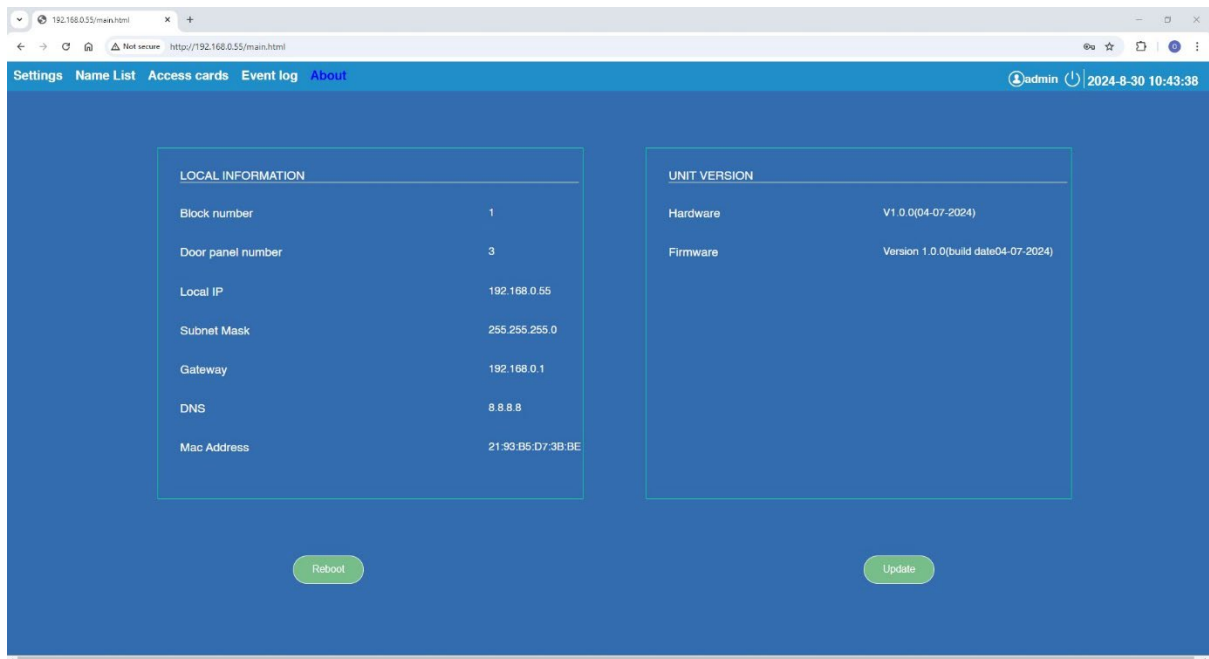
Navigation:

- Up to **10 records per page** are displayed.
- Use the **Previous** and **Next** buttons to move between pages.

Exporting:

- Click **Export** to save the entire log.
- The file will be downloaded as **event_log.log**.
- This file can be opened in a text editor or archived for maintenance records.

5.7 Web Interface – About



The **About** screen displays a summary of the unit's configuration detailing

- Block (1–32) if Block mode selected
- Door Panel (1–4)
- Local IP Address
- Subnet Mask
- Gateway
- DNS Address
- MAC Address
- Hardware Version
- Firmware Version

Installer Tip: Take a screenshot or note down these details for service records. Keeping firmware and hardware versions on file helps with future troubleshooting and updates.

6. On-Unit Setup (Keypad & Screen)

NOTE:

Installers should **always use the web interface method wherever possible**. It is faster, easier to navigate, and significantly less prone to error or frustration. The on-unit method is intended only as a backup for occasions when a laptop is not available.

6.1 Entering Installer Mode

1. Ensure the unit is showing the **default standby screen**.
2. On the keypad, press the following sequence:



The screen will prompt you to Enter password

The default installer code is **9999**.

3. If the code is correct, the display will change to show the **Installer Settings Menu**.
4. If the code is entered incorrectly:
 - The display briefly shows **“WRONG PASSWORD”**, then returns to **“Enter Password”**.
 - Re-enter the sequence and try again.

6.2 Installer Settings Menu

Once logged in, the **Installer Settings Menu** appears.

- There are **seven options** displayed across two screens.
- Use the **arrow keys** to scroll through the options.
- Press **#** to select an item, or ***** to go back.

Menu options:

1. Address
2. Access
3. Reset Password
4. Set Card
5. Set User
6. Settings
7. About

6.2.1 Address

1. Select **Address** and press #.
2. Set **Door Panel Mode**:
 - **Block** – for a single block of flats.
 - **General** – for a larger/multi-block system.
3. If **Block** is selected:
 - Enter **Block Number (1–32)**, then press #.
 - Enter **Door Panel Number (1–4)**, then press #.
4. If **General** is selected:
 - Skip straight to **Door Panel Number (1–4)**, then press #.
5. Configure **Network Mode**: -

Caution: Do not alter network values unless you are fully confident in network setups. Incorrect settings can prevent access to the unit and may require a full reset to recover.

- **Automatic (DHCP)** – settings obtained automatically (for advanced users).
 - Display shows “**Settings Saved**”, then returns to standby.
- **Manual** – enter the following values one by one, confirming each with #:
 - Local IP Address
 - Subnet Mask
 - Gateway Address
 - DNS Address
- **Company policy**: Set **Local IP Address = 192.168.0.55** for direct laptop connection. Do not alter these values unless confident in network setup.

Press * at any time to return to the previous screen.

6.2.2 Access

1. Select **Access** and press #.
2. The screen will display: “**Unlock with access code – Lock 1 only**”.
3. Use the **arrow keys** to choose:
 - Lock 1 only
 - Lock 2 only
 - Lock 1 and 2
 - Disabled
4. If **Disabled** is selected, the unit returns to the Installer Settings Menu.
5. If **Lock 1 only** or **Lock 2 only**:
 - Enter **two four-digit access codes** (both operate the chosen lock).
 - If only one code is required, **enter the same code twice**.
6. If **Lock 1 and 2**:
 - Enter **two four-digit access codes**.
 - Both codes will be valid for **both locks**.
 - If only one code is required, **enter the same code twice**.
 - After entering a code, the caller will be asked to select which lock to open.

Using access codes:

- Caller must press # followed by the access code.
- If both locks are enabled, the caller will then choose which door to release.

6.2.3 Reset Password

1. Select **Reset Password** and press #.
2. Enter the **current password** (default = 9999), then press #.
3. Enter a **new four-digit password**, then press #.
4. Re-enter the new password to confirm, then press #.
 - If both entries match, the display shows **“Password Changed”**.
 - If they do not match, the display shows **“Passwords do not match”**, and you must re-enter.

Do not forget the new password – the only way to bypass it is with a full hardware reset, and the procedure for this is not published.

6.2.4 Set Card

- This option is **not implemented** on the QVDDP.

6.2.5 Set User

- Provides options to **Add** or **Modify** user records via the keypad.
- This method is functional but **not recommended**, as it is slow and awkward.
- Instead, connect a laptop and use the **CSV import function** (see Part B).
- Use keypad entry only when a laptop is not available and a small number of records need to be added or adjusted.

6.2.6 Settings

This menu provides four options:

1. **Time Setting** – set date and time using the keypad. Confirm each entry with #.
2. **Guard Setting** – enable or disable the porter/concierge call feature.
3. **Reset User Settings** – clears all user records but keeps system configuration.
4. **Reset All Settings** – restores factory defaults, clearing all users and system configuration.

Caution: Do not reset the unit unless absolutely necessary. Always attempt other solutions first. If a reset must be carried out, back up user data via laptop beforehand wherever possible.

6.2.7 About

- Displays a summary of the unit's configuration on one screen:
 - Block (1–32, if Block mode selected)
 - Door Panel (1–4)
 - Local IP Address
 - Subnet Mask
 - Gateway
 - DNS Address
 - MAC Address
- Press * to return to the Installer Settings Menu.

Installer Tip: Take a **photograph of this screen** and keep it with your site notes as a quick reference.

7. Testing the Installation

Once the QVDDP is installed and programmed, carry out a full system test before handover. Testing should be systematic, covering call functions, audio/video quality, and lock release operation.

1. Call Function

- From the door unit, call each flat in turn.
- Confirm the resident's monitor rings and displays the incoming call.

2. Audio Test

- Speak clearly from the door unit to the resident's monitor.
- Confirm audio is clear in both directions, with no distortion, drop-outs, or excessive background noise.
- Adjust microphone gain or speech volume (see Settings) if required.

3. Video Test (if camera/display present)

- Confirm the monitor displays a clear image of the caller.
- Check the camera angle covers the entry point appropriately.
- If visibility is poor, review panel position or fit a secondary camera.
- Test illumination LEDs in Auto mode (they should activate in low light).

4. Door Release Test

- From the resident's monitor, trigger door release.
- Confirm the correct lock operates and the configured unlock time is sufficient.
- If using access codes, test both codes (# + code).
- Test exit buttons wired to Lock 1 and Lock 2.

5. Multi-Panel / Multi-Block Systems (if applicable)

- Test calls and releases from each door panel.
- Confirm correct addressing and routing to the intended monitors.