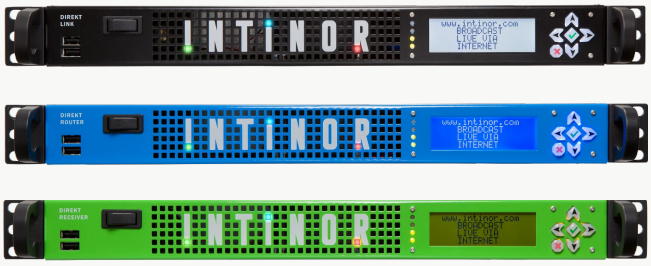
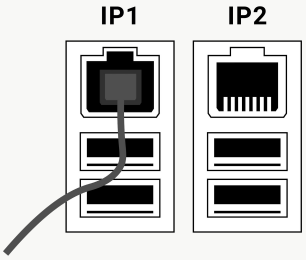
Quick Start Guide
Intinor Direkt Series



All Intinor Direkt units feature two network interfaces:

- IP1: Internet connectivity (DHCP by default)
- IP2: Management and troubleshooting



1. Startup

Connect your internet source to IP1 and power on the unit.

2. Configuration & Verification

- Rack-mounted systems: Use the display and keypad for configuration and testing (see page 2).
- Mobile units: These units lack a display. Verify the connection via IDM.

If troubleshooting is required, connect a laptop to IP2 (see page 3).

Contact Intinor Support if you have questions:

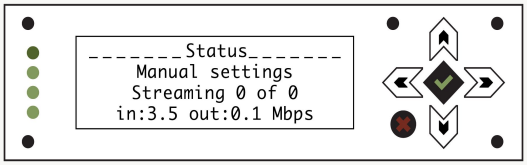
Email: support@intinor.se
Phone: +4690 349 39 05

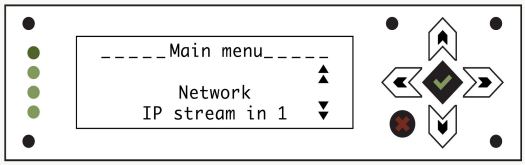
IP Configuration Using Display

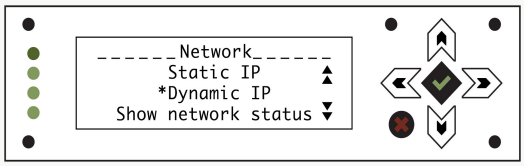
Network Settings (DHCP or Static IP)

1. Confirm you are in DHCP (Dynamic IP) Mode (Default)

- Press the green button on the front panel.
- Navigate to **Network**.
- Scroll down to **Dynamic IP**.
- Press the green button to activate DHCP mode.
- Confirm by pressing the green button again.

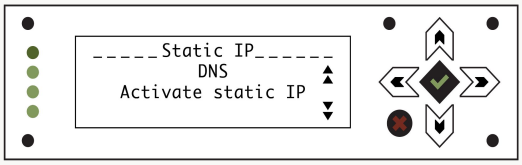


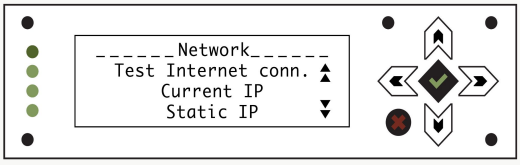


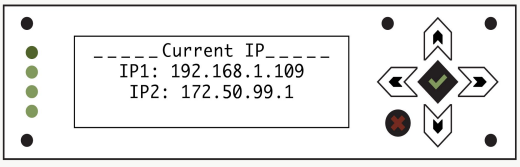


2. Switch to Static IP (if needed for your network configuration)

- Press the green button.
- Navigate to **Network**.
- Scroll down to **Static IP.**
- Enter the required network settings (IP address, subnet, gateway, DNS, e.g., 8.8.8.8).
  - Use the **up/down** buttons to change digits.
  - Use the **left/right** buttons to move between positions.
  - Press the green button to confirm each entry.
  - Navigate to **Activate Static IP** and confirm by pressing the green button.

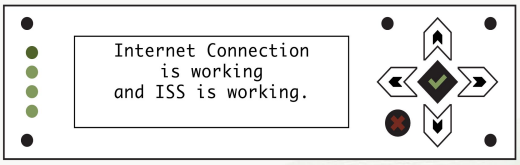






3. Verify Your Connection

- Navigate to **Network**.
- Scroll to **Test Internet Connection** and press the green button to confirm.



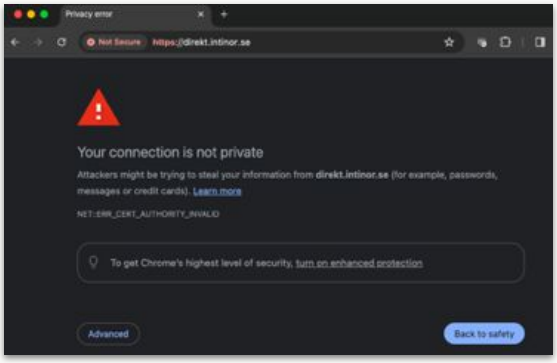
Local Configuration

Local Management (IP2)

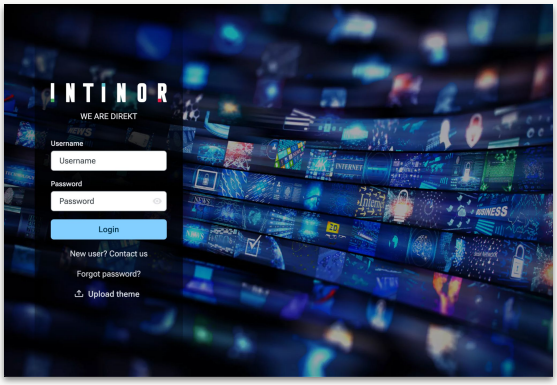
By default, IP2 is the management interface. It acts as a DHCP server and network router, providing IP settings and internet access to your connected laptop.

How to access

1) Connect your laptop to IP2 via a LAN cable.
2) Open a web browser and go to: http://direkt.intinor.se
3) Accept the security warning to proceed.
4) Log in with default credentials:



1. Username: admin
2. Password: 1234



Security Recommendation

To ensure system stability and security, always change the admin password under the System tab, especially if the unit is accessible via the public internet.

Logging in to IDM

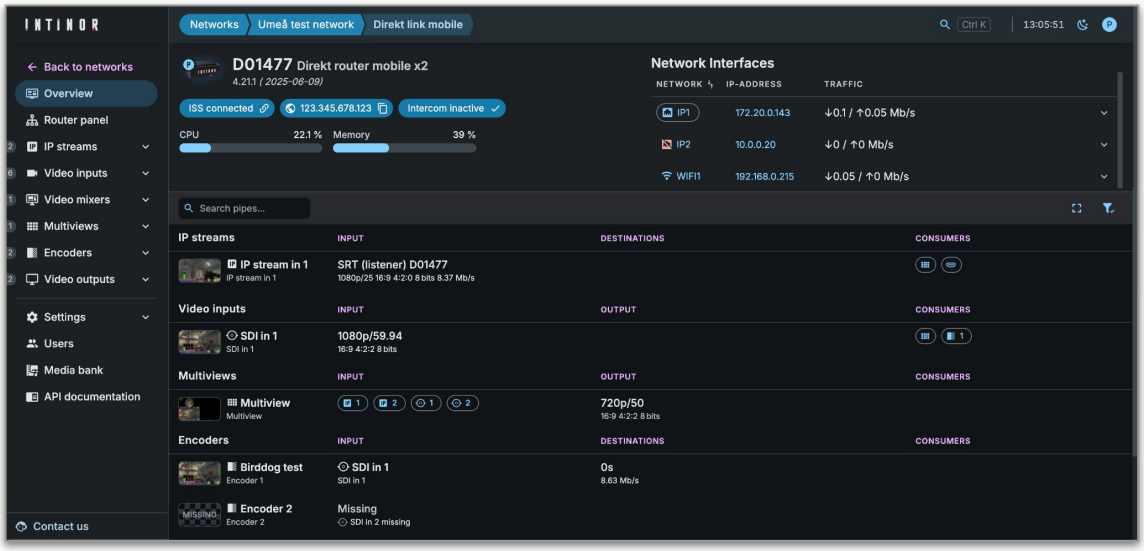
Intinor Direkt Management (IDM)

IDM (Intinor Direkt Management) is our web-based system for remote monitoring, control, and configuration.

To access IDM:

1. Navigate to: IDM.intinor.se
2. Log in using the credentials provided by Intinor.

Need assistance? If you have questions, contact your Technical Account Manager or Intinor Support



Firewall configuration

Firewall Configuration for Intinor Direkt System

Before using a Direkt system, request your IT department to open the following ports:

1. For System Functionality:

- **TCP 443** (outgoing) to **intinor.se** for fetching firmware upgrade information.
- **TCP 443** (outgoing) to **iss.intinor.se** is required for ISS Bonding.
- **TCP 9022** (outgoing) to **upgrade-direkt.intinor.se** for firmware upgrades.
- **TCP & UDP 22017** (outgoing) to **iss.intinor.se** for remote management.
- **TCP & UDP 123** (outgoing) is required for external NTP.

2. For Sending (TX) Streams:

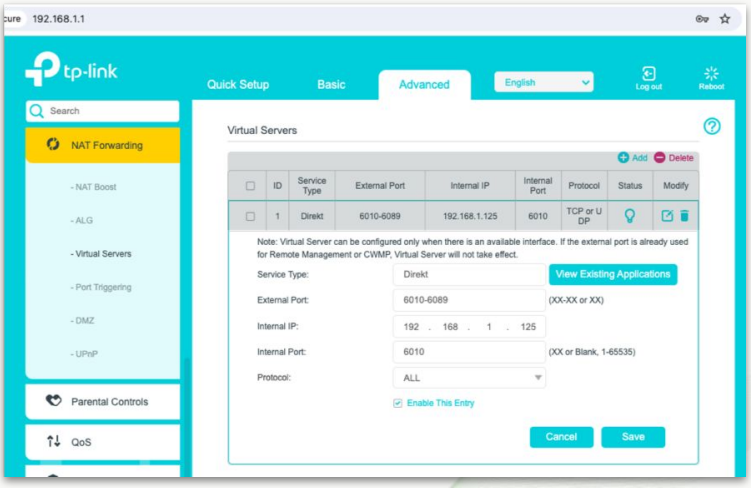
- Open both **TCP & UDP** ports for streaming, e.g., **UDP/TCP 6010, 6020, 6030, etc.**
- For RTMP-based webcasts, open **TCP 1935.**

3. For Receiving (RX) Streams:

- Open both **TCP and UDP** ports for incoming streams, e.g., **UDP/TCP 6010–6089.**
- Forward these ports to the specific IP address of the Direkt router/receiver.

4. If You Are Managing Router Settings:

- Access the router's web interface.
- Enable **NAT / Port Forwarding /Virtual Server** settings.
- Forward incoming ports **6010–6089** to the Direkt system (for up to 8 channels).



Usage & Care

Simple steps to ensure optimal performance and hardware longevity.

The Golden Rule - Acclimation

If your unit has been stored in a cold environment (such as an OB van overnight) or outside its normal operating range, please let it rest at room temperature for a few hours before powering it on.

This critical step gives the hardware time to acclimate and prevents natural condensation from forming inside the chassis. Powering on a cold, un-acclimated unit can cause condensation-related problems, which can severely damage the internal components (and are not covered under warranty).

Continuous vs. Periodic Use

The operating temperatures listed below are intended for continuous, 24/7 operation. While Intinor hardware is robust and capable of handling periodic use in higher temperatures or challenging field conditions, operating consistently outside the recommended range may impact availability.

Recommended Environments

For rack units

- When the unit is powered **ON**:
  - Temperature: 10°C to 35°C (50°F to 95°F)
  - Humidity: 10% to 85% (**non-condensing**)
- When the unit is powered **OFF**:
  - Temperature: -20°C to 60°C (-4°F to 140°F)
  - Humidity: 10% to 95% (**non-condensing**)

For non-rack units *(e.g., Direkt link compact)*

- When the unit is powered **ON**:
  - Temperature: 5°C to 50°C (41°F to 122°F)
  - Humidity: 10% to 85% (**non-condensing**)
- When the unit is powered **OFF**:
  - Temperature: -20°C to 70°C (-4°F to 158°F)
  - Humidity: 10% to 95% (**non-condensing**)