ADPRO® FastTrace™ 2 Hybrid Ethernet I/O Unit

Features

Unit, with LED indicators, contact inputs and relay outputs, controlled by the ADPRO FastTrace 2 Hybrid video recorder. The unit is controlled by the host system through the Ethernet network (for 10 Mbps network only).

The base unit offers:

- 3 LED indicators (red: recording / yellow: fault / green: power supply)
- 4 voltage-free contact inputs (default = NO)
- 4 relays (voltage free switchover contacts) each with status LED

The base unit is:

- mounted on DIN rail
- extendible with one to three extension units. Extension units are powered from the base unit. Each offers 4 additional contact inputs and 4 relay outputs
- powered by a local adapter (12 VDC; 800 mA) or by a PoE switch or injector.

Base unit

Specifications – Base Unit

Power supply - Voltage - Current	(use 12 V / 800 mA adapter or PoE ** switch/injector) • 12 V +/- 10% • 190 mA max. (all LEDs and relays activated) 140 mA (all relays off)
Inputs	4 voltage free contact inputs, NO or NC (NO by default)
Outputs	4 switchover relay contacts (NC/C/NO), rated 30VDC @ 1A
Dimensions	72 mm x 89.7 mm x 62.2 mm
Operating temperature	0 ~ 40°C
Relative humidity	95% (non condensing)
Straps	SW1: shorted temporarily to reset (internal use) (default = open) SW2: load software if pins are shorted (internal use) (default = open) SW4: load standard settings (default = open): shunt SW4, shorten SW1 (reset) and remove shunt
LEDs	D9: ON = Video system is powered D11: ON = Video system in error state D10: ON = Video system is currently recording D18: ON = relay K1 activated D19: ON = relay K2 activated D20: ON = relay K3 activated D21: ON = relay K4 activated

** PoE = Power over Ethernet
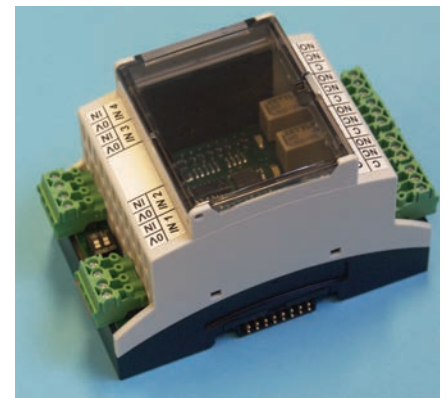
Extension unit

Ordering Information

Please use these order numbers to place your order with Xtralis:

| Base unit	49841000
Extension unit	49841010

ADPRO® by ◆ **xtralis®**

Specifications – Extension Unit

Power supply - Voltage - Current	(powered by base unit or PoE switch/injector) • 12 V +/- 10% • 50 mA max. (all LEDs and relays activated) 10 mA (all relays off)
Inputs	4 voltage free contact inputs, NO or NC (NO by default)
Outputs	4 switchover relay contacts (NC/C/NO), rated 30 VDC @ 1A
Dimensions	54 mm x 89.7 mm x 62.2 mm
Operating temperature	0 ~ 40°C
Relative humidity	95% (non condensing)
LEDs	D18: ON= relay K5 activated D19: ON= relay K6 activated D20: ON= relay K7 activated D21: ON= relay K8 activated

The extension unit is set to an address from 0 to 3 with DIP1. However, address 3 is not supported by the software!
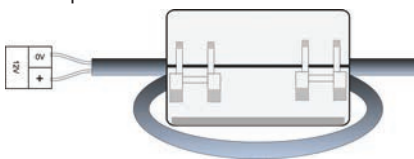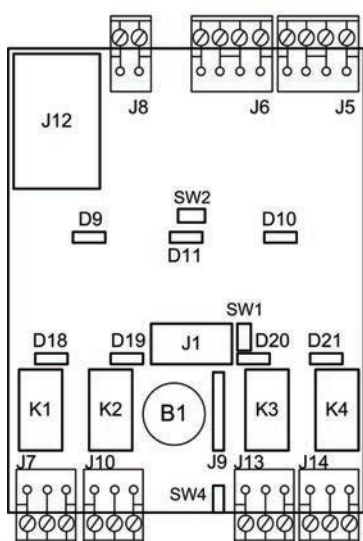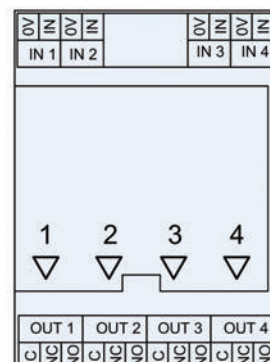
Connections and Adjustments
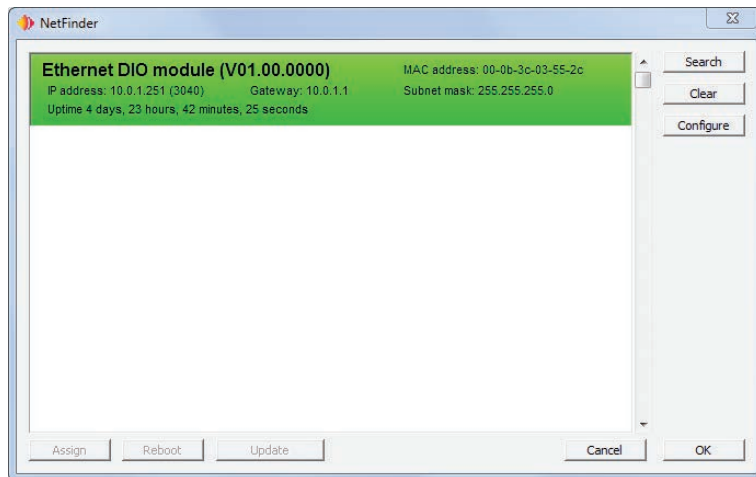
BASE UNIT
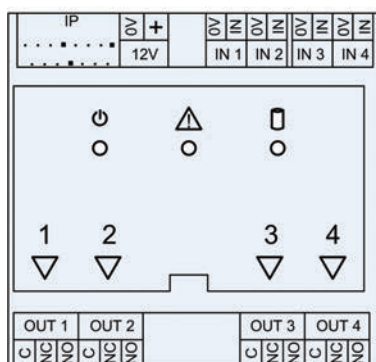
EXTENSION UNIT
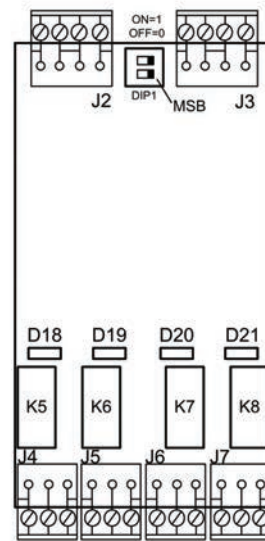
WARNING: THE 0V TERMINAL HAS TO BE CONNECTED TO EARTH!

Set the IP Address

The NetIO module is by default set to IP address 192.168.1.100 with subnet mask 255.255.255.0.

Use the **NetFinder** tool to locate all modules on your local network. **Mind**: devices behind a router will not be detected.

Click **Search** to locate the NetIO modules.

Select the NetIO module that needs servicing and click **Assign**. Type the new IP address, subnet mask and gateway. These new settings are stored in flash memory.
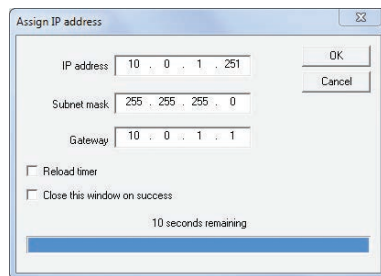
E:\Tools\netfinder.exe/e

Update Firmware

Step 1

To update the firmware, launch the NetFinder tool. Search the network for connected devices.

Step 2

Select the NetIO module that needs servicing, click **Reboot** and check the **Force bootload mode** option. Click **OK**. If successful, you will see the message "*Success – device rebooted*".


Step 3 (optional)

The NetIO module is now disabled and enters in Reboot mode. Click **Search** to update the list of connected devices. The NetIO module now appears in yellow. The IP address is stored in memory and will not be lost after the firmware update.

Step 4

Select the NetIO module and click **Update**. Select the file with the most recent firmware (img file). The file is transferred over the TFTP protocol (Trivial File Transfer Protocol is a simplified FTP protocol).
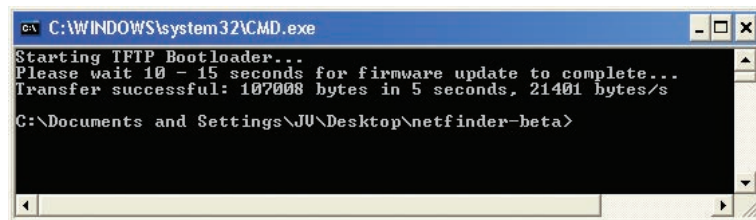
If successful, you will see the message "*Transfer Successful*".