ADPRO Ethernet I/O Units

Features

Unit, with LED indicators, contact inputs and relay outputs, controlled by an ADPRO NVR+ device (FastTrace 2 Series, iFT Series, iFT Gateway). The host system controls the Ethernet I/O units through the Ethernet network (10 Mbps network only).

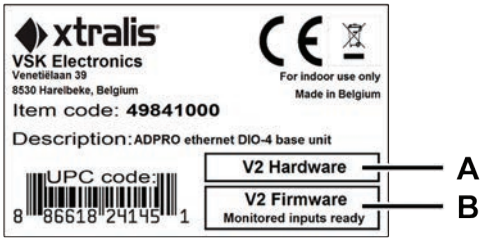
The base unit offers:

- 4 monitored or unmonitored inputs for voltage-free contacts (idle, alarm, tamper short circuit, tamper open circuit).
- 4 relay outputs (voltage-free switchover contacts) with status LED.
- 3 LED indicators for system status (red = recording; yellow = fault; green = power supply).

The base unit is:

- mounted on a DIN rail
- extendible with one to three extension units. Extension units are powered from the base unit. Each extension unit offers 4 additional monitored or unmonitored inputs and 4 relay outputs.
- powered by a local adapter (12 VDC; min. 350 mA) or by a PoE (Power over Ethernet) switch or injector.

For monitored inputs, units must have V2 hardware and V2 firmware. The labels indicate the hardware (A) and firmware (B) versions. Furthermore, the controlling ADPRO NVR+ must run software version XO 4.2 or above.



If conditions are not fulfilled, inputs will behave as unmonitored (= no tamper) input.



Base unit



Extension unit

Specifications – Base Unit

Power supply **- Voltage** **- Current**	Use 12 VDC / 350 mA (min.) adapter or PoE switch/injector • 12 VDC ± 10 % • 190 mA max. (all LEDs and relays activated) 140 mA (all relays off)
Inputs	4 monitored or unmonitored inputs for voltage-free contacts: idle, alarm, tamper short circuit, tamper open circuit
Outputs	4 switchover relay contacts: NC/C/NO, rated 30 VDC @ 1 A
Dimensions	72 mm x 89.7 mm x 62.2 mm
Operating temperature	0–40 °C
Relative humidity	20-93% (non condensing)
Jumpers	SW1: shorted temporarily to reset (internal use, default = open) SW2/SW4: default = open.
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

ADPRO® by xtralis®

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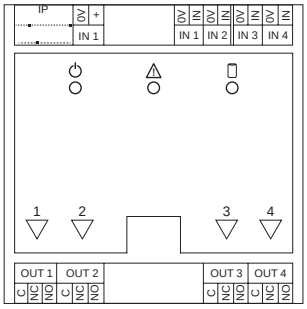
Specifications – Extension Unit

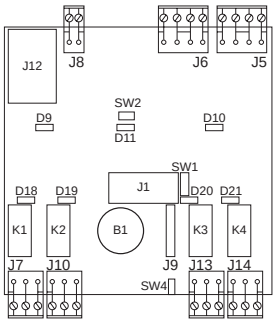
Power supply **- Voltage** **- Current**	Powered by base unit • 12 VDC ± 10 % • 50 mA max. (all LEDs and relays activated) 10 mA (all relays off)
Inputs	4 monitored or unmonitored inputs for voltage-free contacts: idle, alarm, tamper short circuit, tamper open circuit
Outputs	4 switchover relay contacts: NC/C/NO, rated 30 VDC @ 1 A
Dimensions	54 mm x 89.7 mm x 62.2 mm
Operating temperature	0–40 °C
Relative humidity	20–93 % (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 2 using DIP1. (Address 3 is not supported by the software.)

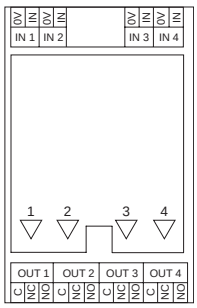
Connections and Adjustments

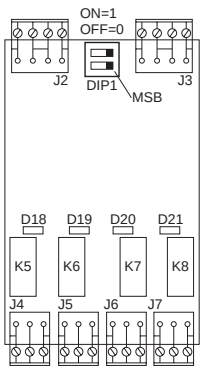
Base Unit





Extension Unit





Ordering Information:

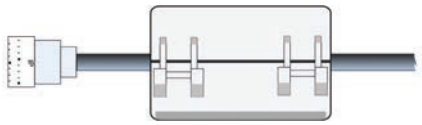
Please use these reference numbers to place your order with Xtralis:

Base Unit	49841000
Extension Unit	49841010

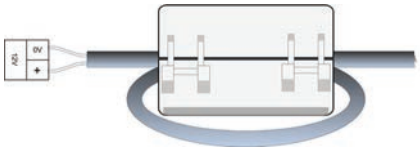
Set the extension unit address as follows:

To set address	Set switch	
	MSB	**Other**
0	OFF	OFF
1	OFF	ON
2	ON	OFF

- If using PoE: fix the included clamp on the Ethernet cable inside the mounting box. Place the clamp as close as possible to the Ethernet I/O unit.



- If using an external power supply, fix the included clamp on the power supply input. Make one loop inside the clamp.



Warning

You can mount the units in a plastic or metal box. If mounting in a metal box: make sure that the metal box is earthed, and connect the 0V power terminal of the base unit to the earth.

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Doc. no. 20148_03

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