

**Features**

- Interface for RS-232 peripherals
- Low power consumption
- Small size and light weight

**Description**

The IDNCT1 allows connecting any serial RS-232 peripherals to the ISAAC Instruments' DRU9xx ISAAC Device Network (IDN).

**Installation**

**Setup:**

- Connect the IDNCT1 D-SUB connector to the RS232 port of the compatible system.
- Do not bend cable with curvature radius smaller than 40mm (1.60”).
- Route the cables at least 20cm (8”) away from high interference electrical devices, such as: ignition coils, plug leads, high-current leads, high emission electronic modules or antennas.
- Verify that the cable is not pinched or stretched by moving parts.
- Connect the IDNHM1 to the ISAAC Device Network (IDN).
- Connect the termination resistor (IDNTR1) at the end of the IDN.

**Software configuration:**

**IDN Port Activity:** ISAAC Device Network  
**IDN bit rate:** 500 Kbit/s

**Specifications**

	<b>Symbol</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
Power requirements					
Power supply voltage	$V_{in}$	11		30	V
Current @ 12V	$I_{in}$		25		mA
Rx input voltage	$V_{Rx}$	-0.3	5	30	V
Input impedance	$Z_{in}$		25		kOhm
Operating temperature	$T_{oper}$	-40 (-40)		85 (185)	°C (F)