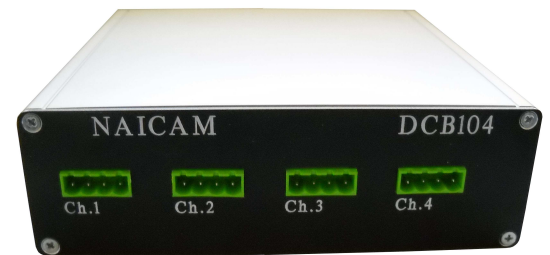


## DCB104 4 channels Current/Voltage converter.

The module DCB104 has 4 channels current to voltage converters. The module is housed in an aluminium box.

DCB104 has on the front panel 4 input connectors and on the backside one output connector and one power connector. The module use only external power supply +24 Volt.

Special version DCB104C is a module with input and out put connectors BNC style.



### PERFORMANCE

<b>Number of channel</b>	<b>4</b>
<b>Input connectors</b>	<b>4 pins AMP style (High quality plastics)</b>
<b>Input current</b>	<b>up 500 nA (optional versions 1 mA, 2 mA)</b>
<b>Output signal</b>	<b>From 0 to 10 Volt</b>
<b>Bandwidth</b>	<b>0,1-1 Hz</b>
<b>Input resistance</b>	<b>50 Ом</b>
<b>Linearity ( 0-500nA)</b>	<b>&lt; 0,05 %</b>
<b>Power supply</b>	<b>+ 24 Volt</b>
<b>Output resistance</b>	<b>50 Ohm</b>
<b>Box dimension</b>	<b>160x165x51,5 mm</b>
<b>Max output current</b>	<b>12 mA</b>

**INPUT CONNECTOR:**

1	2	3	4
IN(even)	GND	GND	IN(odd)

**OUTPUT CONNECTORS:**

**Ch1-8:**  
**8 pins connector**

1	2	3	4	5	6	7	8
GND	OUT4	GND	OUT3	GND	OUT2	GND	OUT1

**POWER CONNECTOR:**

1	2	3	4
+24 V	GND(24V)	REMOTE ON/OFF	EARTH

**Note 1:** EARTH directly connected to case.

**Note 2:** REMOTE ON/OFF      **ON** 3.0 ... 12 VDC or open circuit;  
   **OFF** 0.0 ...1.2 VDC.