

Code: PORT-22

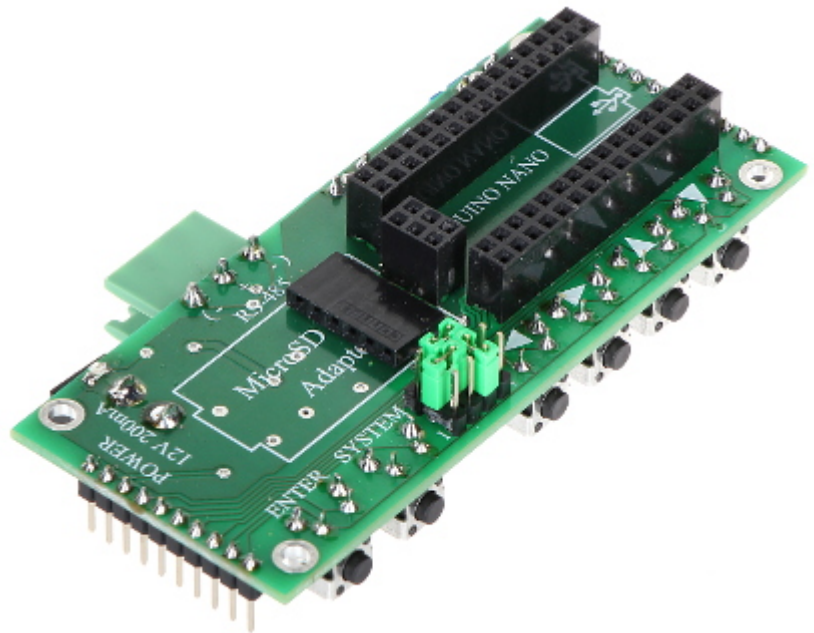
CHARACTER GENERATOR CONVERTER OSD **PORT-22**

Net: **98.69 PLN** Gross: **98.69 PLN**

The PORT-22 allows you to easily implement your own solutions based on the OSD-50HD device.

The device allows to connect ARDUINO or NUCLEO and match existing protocols based on RS-485 or RS-232.

For more information about OSD systems, visit www.osd.systems



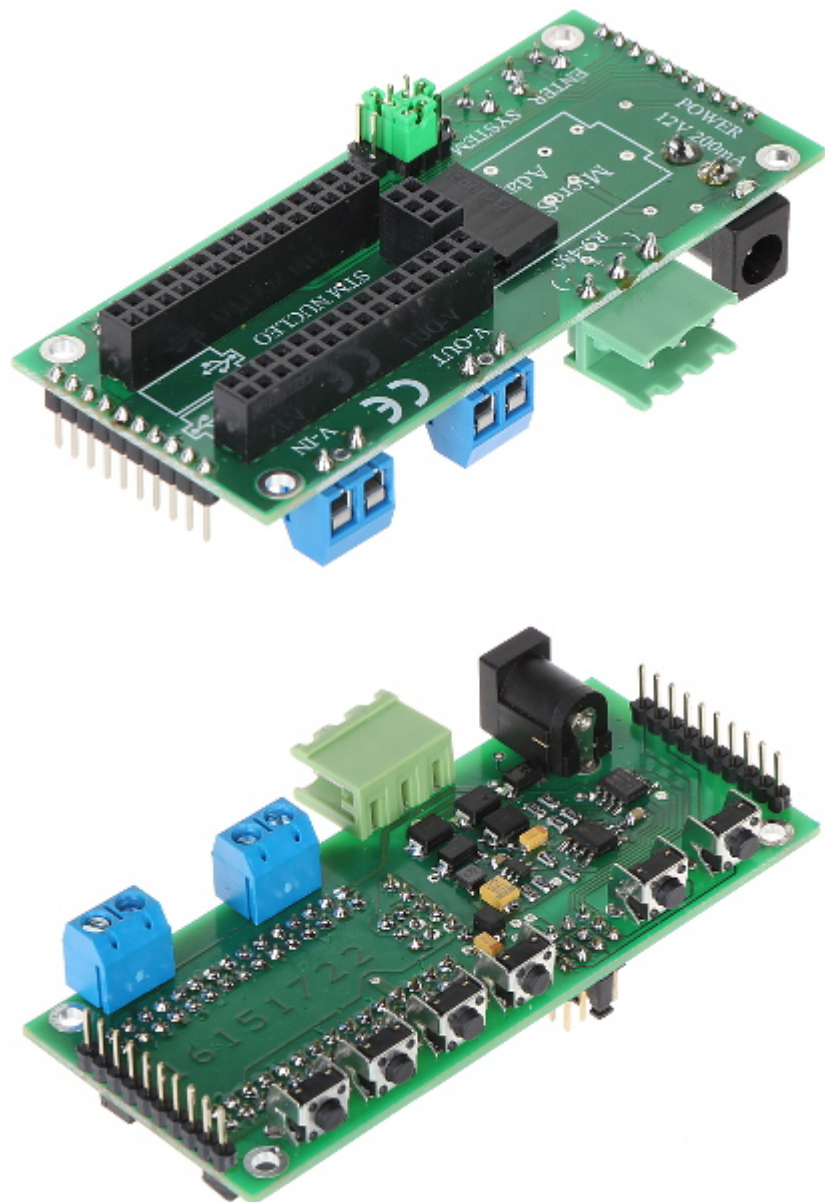
SPECIFICATION

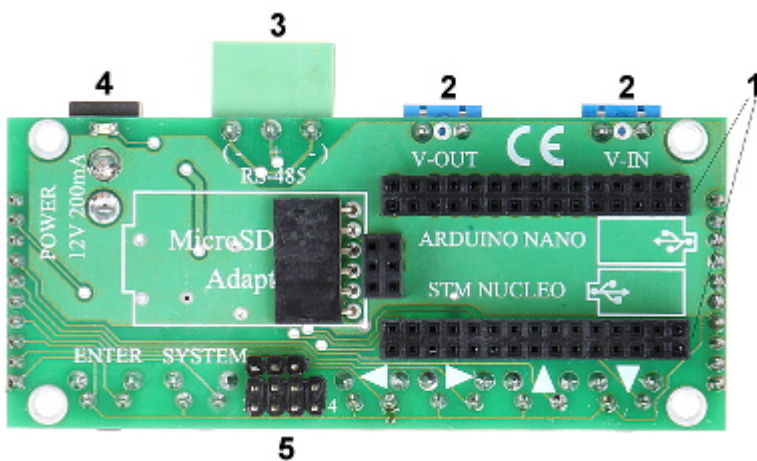
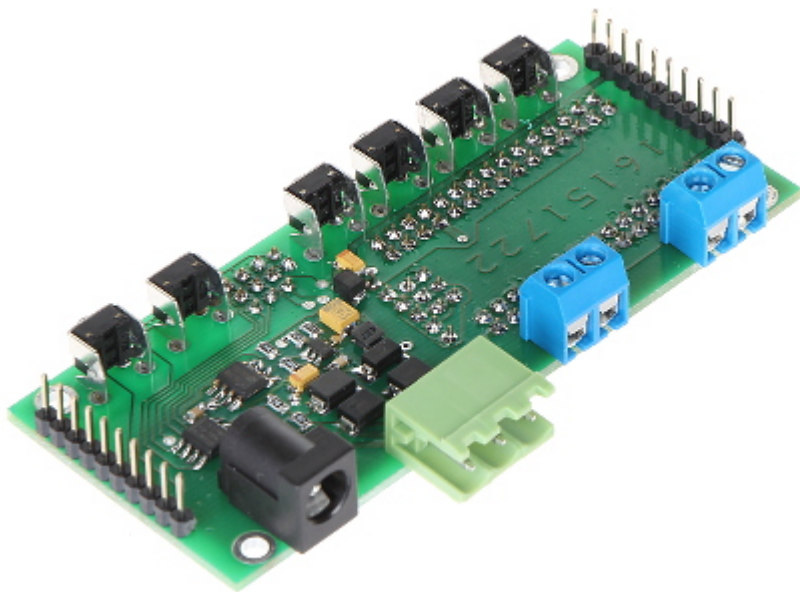
Support:	OSD-50HD
Number of video inputs:	1 x Cable terminals
Number of video outputs:	1 x Cable terminals
Range RS-485:	1200 m terminal connector
Built-in stabilizer:	✓
PCB casing:	—
Communication:	• RS-485, • RS-485 TTL, • MODBUS, • Arduino, • STM Nucleo, • Service buttons - 6 pcs
Power supply:	12 V / 200 mA (power adapter not included)
Communication using optional devices:	• RS-485 switch • Micro SD - Card
Weight:	0.03 kg
Dimensions:	90 x 48 x 20 mm
Manufacturer / Brand:	DELTA
Guarantee:	3 years

PRESENTATION

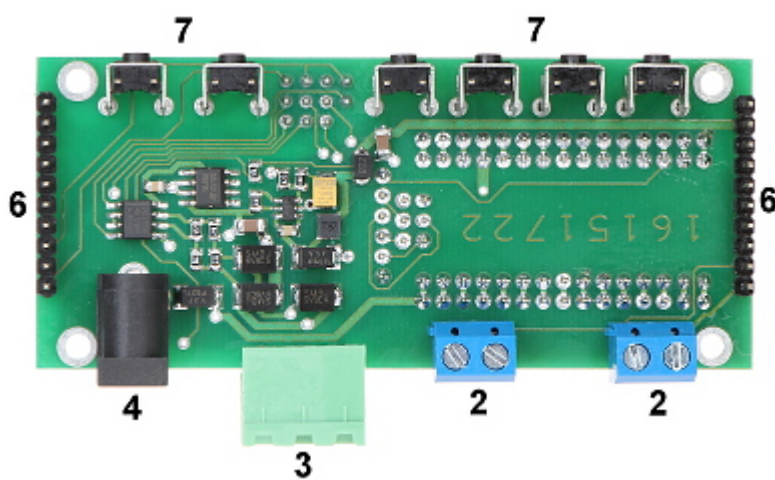
DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>
POL; 60-713 Poznań; Graniczna 10
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60

Connectors:

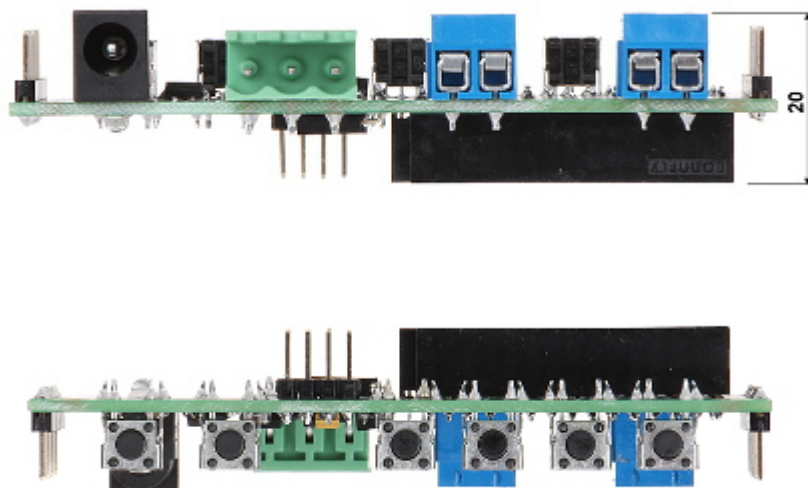




1. Socket compatible with ARDUINO NANO and STM NUCLEO
2. Video input and output
3. Port RS-485
4. Power supply DC 12V/200mA
5. Configuration connector



2. Video input and output
3. Port RS-485
4. Power supply DC 12V/200mA
6. Connector compatible with the OSD-50HD
7. Service buttons



The OSD-50HD control can be implemented in several ways:

RS-485 direct connection to the OSD-50HD - for example for the OSD-50HD hardware update:



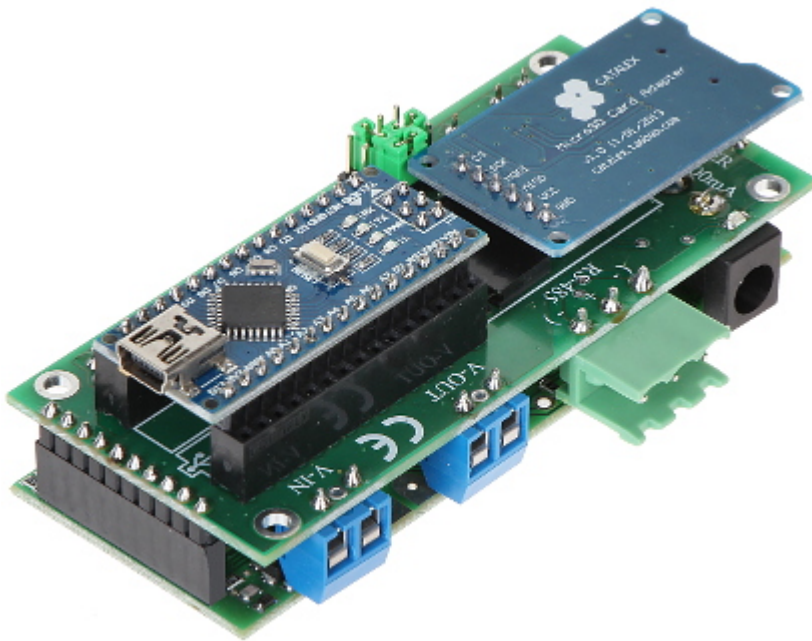
RS-485 connection to the ARDUINO / NUCLEO:



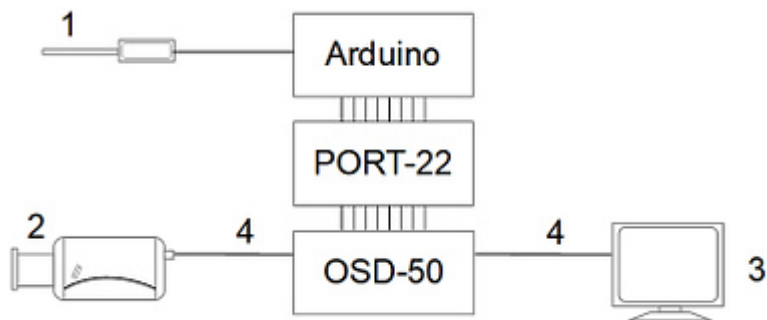
Direct sensors connection to the ARDUINO / NUCLEO:



Cooperation between PORT-22 and Arduino and the microSD memory card slot:

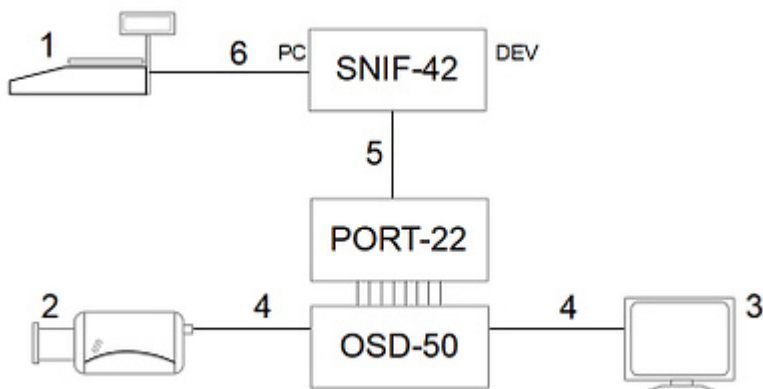


An example of connecting a temperature sensor:



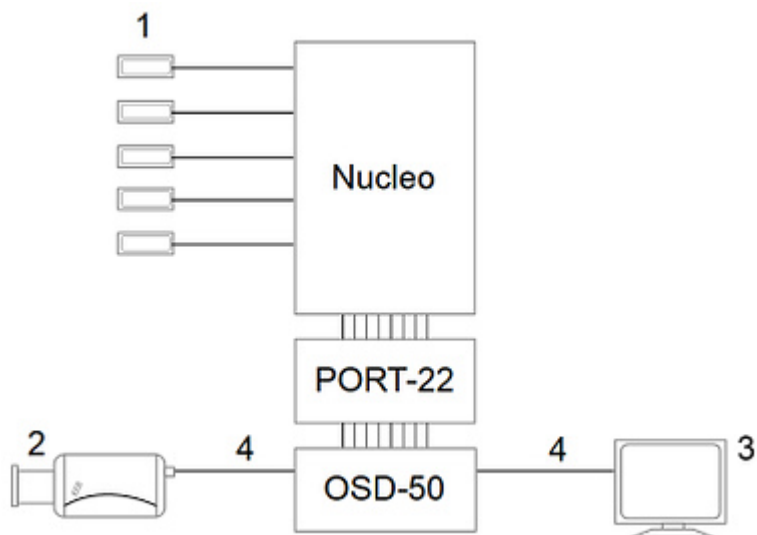
- 1. Temperature Sensor
- 2. Camera
- 3. Monitor
- 4. Video signal

Configuration with using a scale:



- 1. Electronic scale
- 2. Camera
- 3. Monitor
- 4. Video signal
- 5. RS-485
- 6. RS-232

An example of connecting several sensors:



- 1. Sensors
- 2. Camera
- 3. Monitor
- 4. Video signal

OSD Systems - the presentation:

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An exemplary OSD system for analogue HD cameras based on arduino nano using selected sensors:

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Example of application:

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PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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