

	RS-232 PORT SNIFFER OVER RS-485 SNIF-42	CHARACTER GENERATOR OSD FG-50HD	MODULE NANO-V3/CH340	CHARACTER GENERATOR OSD-50HD	CHARACTER GENERATOR CONVERTER OSD PORT-22
					
	19.50 EUR 19.50 EUR	207.71 EUR 207.71 EUR	5.98 EUR 5.98 EUR	113.80 EUR 113.80 EUR	23.59 EUR 23.59 EUR
RS-232 capturing data line	TXD (pin 3)	...	...	...	...
Frequency fsck	...	...	16 MHz	...	...
Main features	• Data capturing from TXD line of the RS-232 cable • Applies to data transmission from PC to the fiscal printer	...	...	...	...
Built-in KF protocols (cash registers)	...	...	...	—	...
Memory	...	...	• 32 kB - Flash • 2 kB - SRAM • 1 kB - EEPROM	...	...
Possibility to add KF protocols (cash registers)	...	...	...	—	...
I/O ports	...	...	22	...	...
Supported standards	...	• PAL, • 720p, • 1080p, • HD-CVI - 720p / 1080p, • HD-TVI - 720p / 1080p	...	AHD, HD-CVI, HD-TVI	...
Vector graphics support	...	...	...	✓	...
Inputs	...	...	8 ADC	...	...
Raster graphics support	...	...	...	✓	...
PWM outputs	...	...	6	...	...
Number of video inputs	...	1 x BNC socket	...	...	1 x Cable terminals
PCB casing	...	...	—	—	—
Number of video outputs	...	1 x BNC socket	...	...	1 x Cable terminals
Built-in stabilizer	...	...	✓	—	✓
Range RS-485	1200 m	1200 m	...	...	1200 m terminal connector
Video signal amplification	...	0 dB	...	0 dB	...
Maximal number of characters in one line	...	50	...	50	...
Communication	...	...	• UART, • mini USB - B type	UART 3.3 V	• RS-485, • RS-485 TTL, • MODBUS, • Arduino, • STM Nucleo, • Service buttons - 6 pcs
Maximal number of lines	...	40	...	40	...
Maximum number of characters on the screen	...	2000	...	2000	...
The ability to change font size	...	✓	...	✓	...
The ability to change the position of the titles	...	✓	...	✓	...
The ability to change the font and create own table of graphic characters	...	✓	...	✓	...
The ability to firmware upgrade	...	✓	...	✓	...
Keyboard lock	...	—	...	—	...
Communication using optional devices	...	...	...	PORT-22	• RS-485 switch • Micro SD - Card
Cross generator	...	—	...	✓	...
Current consumption	...	...	...	240 mA (both inputs: 3V3A and 3V3D)	...

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Power supply	12 V DC / 0.1 A (power adapter not included)	12 V DC / 200 mA (power adapter not included)	• 7 ... 12 V DC, • 5 V DC - Port USB	• 3.3 V DC • Powering from PORT-22	12 V / 200 mA (power adapter not included)
Support	...	• printers compatible with POSNET, THERMAL, THERMAL (pharmacy) protocols • cash registers compatible with POSNET ("operations monitor" mode) • fiscal printers compatible with ELZAB, ELZAB (pharmacy, cash stand) protocols • NOVITUS, NOVITUS (pharmacy) fiscal printers • Alcotector fiscal printers • Innova fiscal printers • Detecs fiscal printers • Soehnle-professional fiscal printers • Epson fiscal printers • Tysso fiscal printers • fiscal printers compatible with UPOS protocol • other fiscal printers based on above protocols • money counters (eg.: Detectalia NEWTON), SORTER mode • the scales supporting the cougar 8530 protocol, eg.: METTLER TOLEDO 8530 • the AXIS, RADWAG, RHEWA scales • time & attendance recorders, eg.: EVR-2 • Communication via the RS-485 bus • the SG-1 mode - the protocol of SG-1 device operating in symbols display mode, ability to implement custom protocols • character terminal mode and hexadecimal displaying	PORT-22	• the SG-1 mode - the protocol of SG-1 device operating in symbols display mode, ability to implement custom protocols • character terminal mode and hexadecimal displaying • You can customize the software to your needs, such as adding a new communication protocol that supports other devices than specified	OSD-50HD
Weight	0.076 kg	0.095 kg	0.005 kg	0.02 kg	0.03 kg
Dimensions	119 x 63 x 30 mm	100 x 62 x 28 mm	45 x 18 x 6 mm	91 x 36 x 11 mm	90 x 48 x 20 mm
Manufacturer / Brand	DELTA	DELTA	...	DELTA	DELTA
Guarantee	3 years	3 years	2 years	3 years	3 years