

Code: FG-50HD

CHARACTER GENERATOR OSD **FG-50HD**

Net: **209.47 EUR** Gross: **209.47 EUR**

The device is designed for display alphanumeric characters on the image from camera.

The FG-50HD device in connection with the SNIF-42 sniffer allows to capture the data sending from different devices via RS-232 port and display them on the picture from CCTV cameras. Examples of such devices can be eg.: fiscal printers and cash registers, scales, dynamometers, banknote counters, time & attendance recorders and others equipped with RS-232 / RS-485 port.

The device supports analog CCTV cameras with the following standards: PAL, AHD, HD-CVI, HD-TVI, in both resolutions 720p and 1080p.

From the video signal the FG-50HD operates as a loop-through device, equipped with signal input and output. It enables displaying an image from CCTV camera together with a list of registered products on shop sales stand of the fiscal printer. The device can be used as an extra protection of the sales stand. Allows to control the issued products in accordance with receipt.

In addition the FG-50HD can work in character terminal mode and display all character strings received from controlled device. An example can be displaying the weight, temperature, etc., from any sensor equipped with the RS-232 / RS-485 interface.

From the firmware version 1.25 it is possible to modify and upload your own fonts. The device also has a graphical mode.



SPECIFICATION

Supported standards:	• PAL, • 720p, • 1080p, • HD-CVI - 720p / 1080p, • HD-TVI - 720p / 1080p
Number of video inputs:	1 x BNC socket
Number of video outputs:	1 x BNC socket
Range RS-485:	1200 m
Video signal amplification:	0 dB
Maximal number of characters in one line:	50
Maximal number of lines:	40
Maximum number of characters on the screen:	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:	—
Cross generator:	—
Power supply:	12 V DC / 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
Weight:	0.095 kg
Dimensions:	100 x 62 x 28 mm
Manufacturer / Brand:	DELTA
Guarantee:	3 years

PRESENTATION

Front panel view:



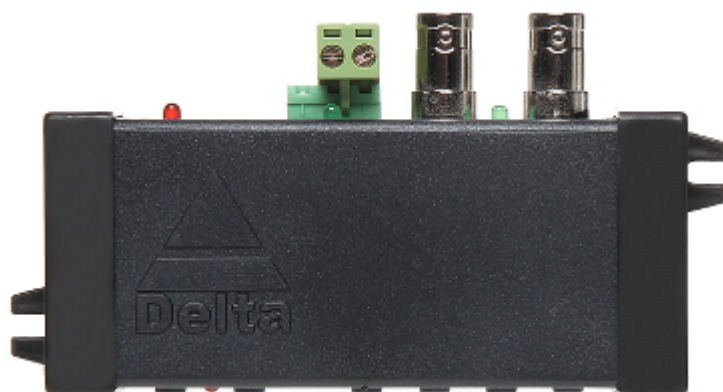
The SYSTEM key is used to choose a standard which is using by connected camera:

AHD, CVI, TVI, PAL

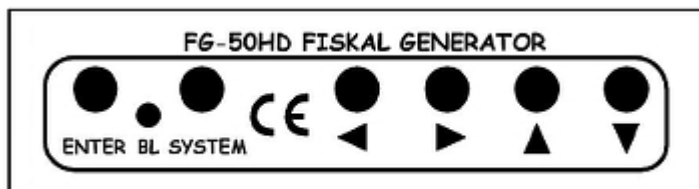
Rear panel view:



Top view:

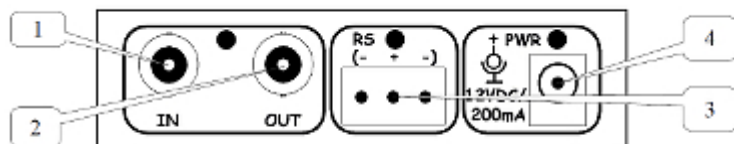


Front panel description:



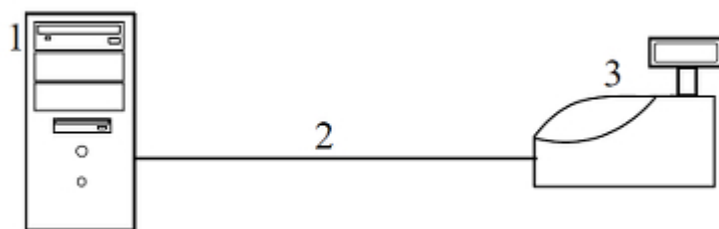
Configuration and changing the operation mode of the device is made by 6 keys used to navigate the on-screen menu visible after connecting the device to the receiver. The keys with arrows "up", "down" allow to navigate through the menu, the "ENTER" key allows to change the parameter value and enter to the sub-/top-menu, and the "SYSTEM" key is for manual selection of the supported system. The LED indicates that the device is in bootloader mode ready to update the firmware

Rear panel description:



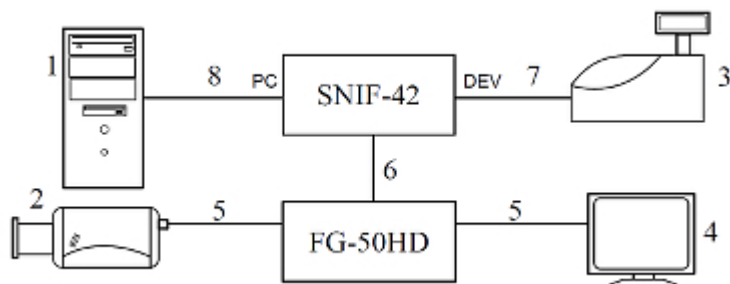
- 1) Video input
- 2) Video output
- 3) RS-485
- 4) Power supply

Description of the connecting to the fiscal printer:



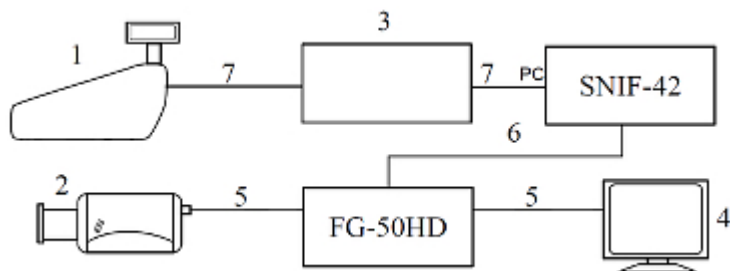
- 1) Computer
- 2) RS-232 (printer cable)
- 3) fiscal printer

Configuration with using the FG-50HD:

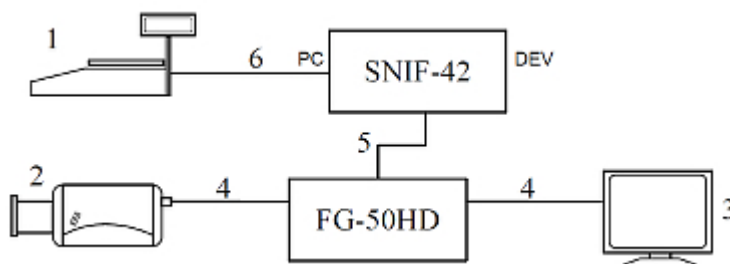


- 1) Computer
- 2) Camera
- 3) fiscal printer
- 4) Monitor
- 5) Video signal
- 6) RS-485
- 7) RS-232 (printer cable)
- 8) RS-232 (1:1 extension cable)

Configuration with using a cash register equipped with RS-232 output of the transaction monitor:

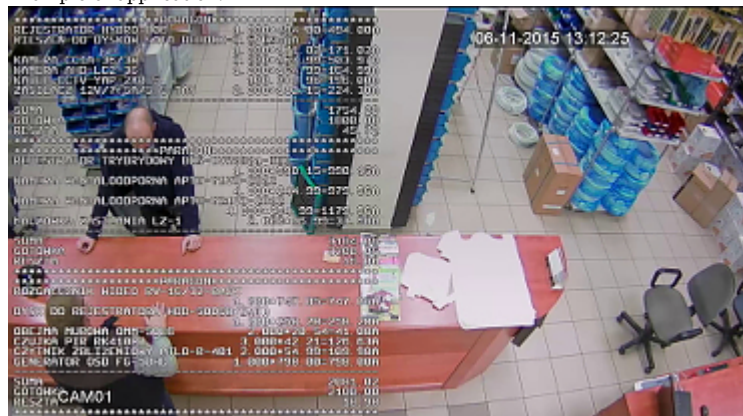


- 1) Cash register
 - 2) Camera
 - 3) Extension module (option)
 - 4) Monitor
 - 5) Video signal
 - 6) RS-485
 - 7) RS-232 (module cable)
- Configuration with using a scale:



- 1) Electronic scale
- 2) Camera
- 3) Monitor
- 4) Video signal
- 5) RS-485
- 6) RS-232 (module cable)

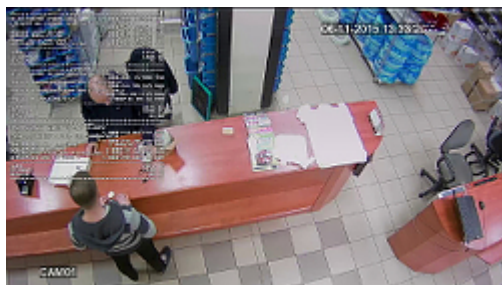
Example of application:



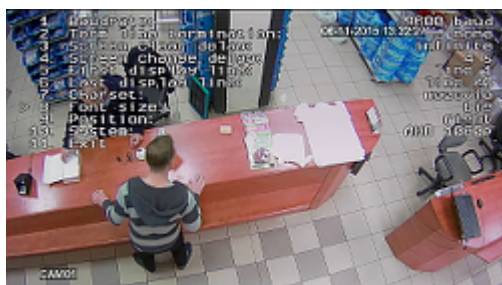
Example of application:

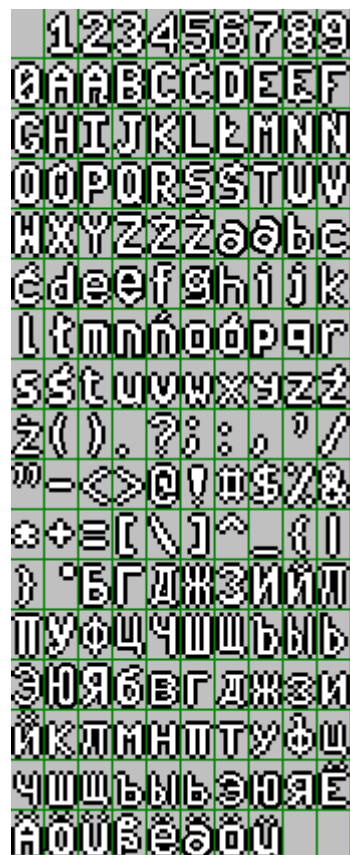


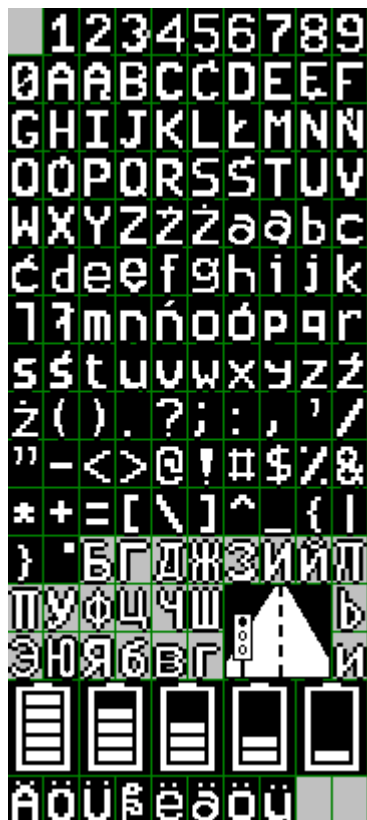
Example screenshots:
Images from receipts can be aligned to the different edges:



Font size is configurable:







Cooperation with ELZAB printer - lowercase 20 lines from the top:

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Cooperation with ELZAB printer - lowercase 40 lines from the bottom:

:

Cooperation with ELZAB printer - uppercase:

:

Cooperation with ELZAB printer - normal font, 40 lines, inscriptions on the right side:

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Cooperation with banknote counting machine:

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PACKAGE

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