

Code: FG-50HD

## CHARACTER GENERATOR OSD **FG-50HD**

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.



Supported standards:	<ul style="list-style-type: none"> <li>• PAL,</li> <li>• 720p,</li> <li>• 1080p,</li> <li>• HD-CVI - 720p / 1080p,</li> <li>• HD-TVI - 720p / 1080p</li> </ul>
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:	✓



# DATA SHEET

Keyboard lock:	—
Cross generator:	—
Power supply:	12 V DC / 200 mA (power adapter not included)
Support:	<ul style="list-style-type: none"><li>• printers compatible with POSNET, THERMAL, THERMAL (pharmacy) protocols</li><li>• cash registers compatible with POSNET ("operations monitor" mode)</li><li>• fiscal printers compatible with ELZAB, ELZAB (pharmacy, cash stand) protocols</li><li>• NOVITUS, NOVITUS (pharmacy) fiscal printers</li><li>• Alcotector fiscal printers</li><li>• Innova fiscal printers</li><li>• Detecs fiscal printers</li><li>• Soehnle-professional fiscal printers</li><li>• Epson fiscal printers</li><li>• Tysso fiscal printers</li><li>• fiscal printers compatible with UPOS protocol</li><li>• other fiscal printers based on above protocols</li><li>• money counters (eg.: Detectalia NEWTON), SORTER mode</li><li>• the scales supporting the cougar 8530 protocol, eg.: METTLER TOLEDO 8530</li><li>• the AXIS, RADWAG, RHEWA scales</li><li>• time &amp; attendance recorders, eg.: EVR-2</li><li>• Communication via the RS-485 bus</li><li>• the SG-1 mode - the protocol of SG-1 device operating in symbols display mode, ability to implement custom protocols</li><li>• character terminal mode and hexadecimal displaying</li></ul>
Weight:	0.095 kg
Dimensions:	100 x 62 x 28 mm
Manufacturer / Brand:	DELTA
Guarantee:	<b>3 years</b>