



Heimann Sensor ArraySoft

Graphical User Interface for HTPA Modules and Application sets

The HTPA application set comes with our comprehensive Graphical User Interface (GUI) "ArraySoft" which provides a lot of features and is constantly updated. It can be used instantly with our UDP-Modules, SPI-SDK for the HTPA series and our application sets. Furthermore, it is possible to use it with our UART modules by connecting the module via a transceiver to the RS232 interface of your PC.

Moduletype	ADC	Subtract Offsets	Scaling	Set M	CLK	VDD	FPS	Mode
🔿 8x8 🔿 16x16 🔘 32x31 🔿 64x62	🖲 uC 💿 ASIC	electrical 🔲 thermal	🧿 Auto 🔘 Manu	el	1304.3 kHz	4859 mV	12.4 Hz	● T ◎ V Load
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Color Scheme Min 0 1 0 2 0 3 0 4 0 5 0 6 0 7	: 20.05	Max: 34.05 [9						

Features:

- 7 false color scales
- Auto and manual scaling (7 scaling modes)
- Temperature and voltage mode
- Data streaming into files
- AVI export
- Interpolation mode
- · Complete control of the device
- Multiple devices can be controlled
- The data stream of 4 devices can be displayed at the same time
- Histogram
- · Selectable temperature or voltage profile

- Minimum and Maximum Temperature / Voltage info
- Suitable for all HTPA types (8x8 to 64x62)
- Frames per second indicator
- Alignment for offset corrected frames
- Temperatures in Kelvin or degree Celsius
- IR-Frame can be mirrored in both axis
- Single Pixel information accessible
- Temperature calculation with the respect to object emissivity
 Screenshot ability (JPG or ASCII data)
- Recorded data streams can be played in selectable speed →Make your own "thermal movie"

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