

# MIRO ALTITUDE

Main screen

Access the control center

Take a screenshot

Start a data-logging session

Display battery level

Display time










## 1 NAVIGATION BAR

The upper part of the screen includes a direct access to the control center, data acquisition buttons and various indicators (battery level and time).

## 2 MEASUREMENT SETTINGS PANEL

Use the various measurement settings available for your detector to set everything related to your measurement.

-  **Wavelength:** Enter your wavelength or choose from a list of recently used wavelengths
-  **Range:** Set the measuring range to autoscale or to one of the standard values
-  **Measurement mode:** Choose what you want to measure: power, SSE, moving average, irradiance, fluence, etc.
-  **Moving average:** Choose the desired moving average to use to plot the chart
-  **Trigger:** Enter the desired trigger level or choose from a list of recently used values
-  **XNR Anticipation™:** Toggle on to measure up to 10x-20x faster without losing any significant accuracy in your readings
-  **Correction:** Set a multiplier and an offset value for your measurements

## 3 DISPLAY AREA

The top part of the display area is the same for all three display modes.



CLEAR

**Clear:** Use this button to reset the statistics and erase the scope graph's data



**Display mode:** Toggle your display mode between: scope, needle and bar chart



ZERO

**Zero:** Set the current measured value to zero

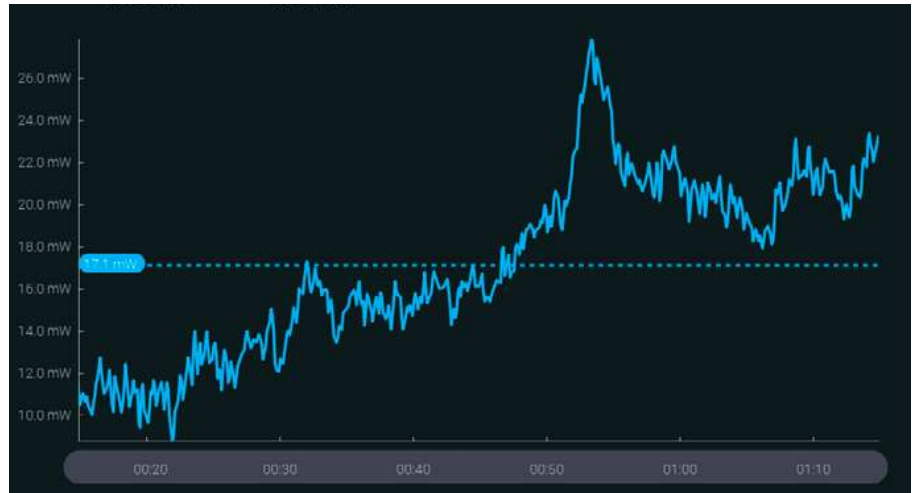
# MIRO ALTITUDE

Display modes

## SCOPE DISPLAY

With this display mode, you can travel in time using the time line at the bottom to view measurements at any point in time while MIRO ALTITUDE continues to measure.

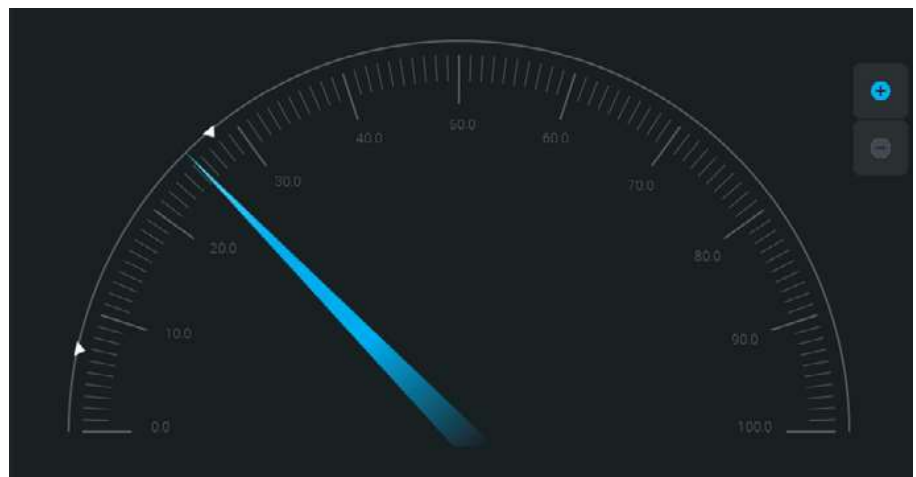
The dotted blue line shows the average value.



## NEEDLE DISPLAY

Faster than an analog needle thanks to XNR Anticipation™! This mode is particularly useful when tuning a laser. The real-time value and statistics are always visible at the top of the screen.

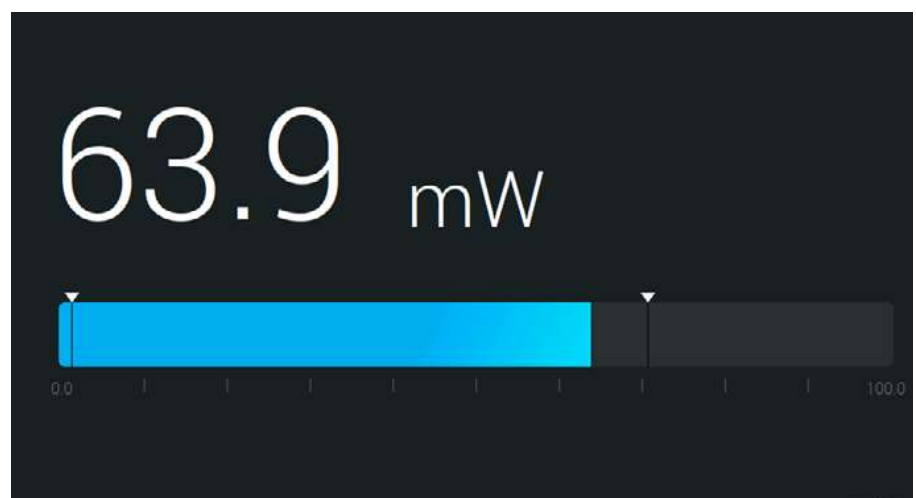
Arrows indicate the minimum and maximum measured values since the last reset. The zoom function sets these values as full scale of the digital gauge.



## BAR DISPLAY

This is the simplest display mode. Its main advantage is that the current measured value is displayed in huge size, allowing you to read the measurement from a good distance.

Arrows indicate the minimum and maximum measured values.



POWER DETECTORS

ENERGY DETECTORS

BEAM PROFILING

TERAHERTZ DETECTORS

DISPLAYS & PC INTERFACES

CUSTOM / OEM PRODUCTS

# MIRO ALTITUDE

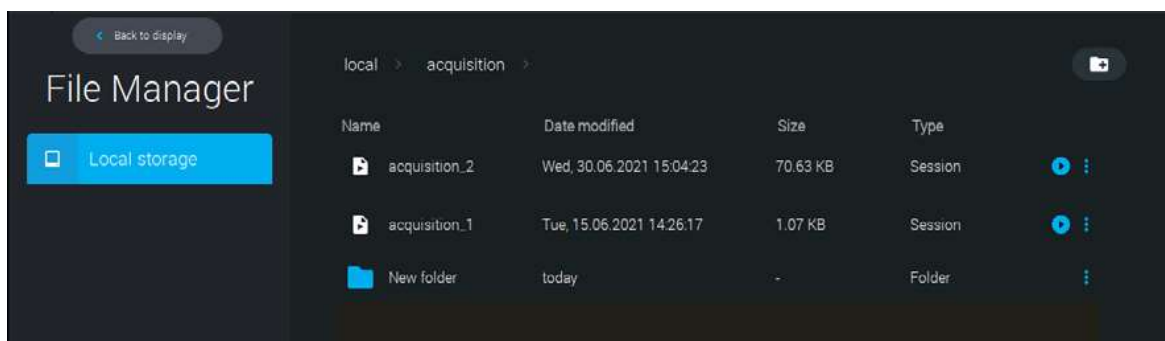
Settings & controls

## BUILT-IN FILE MANAGER AND DATA VIEWER

MIRO's built-in file manager lets you access and organize all your screenshots and recorded measurement sessions. You can also copy files on your USB key.

- ▶ Visualize a recorded measurement session with our built-in data viewer. Data will be displayed in the scope chart display.




There is also a built-in image viewer so you can view your screenshots directly on your MIRO ALTITUDE.



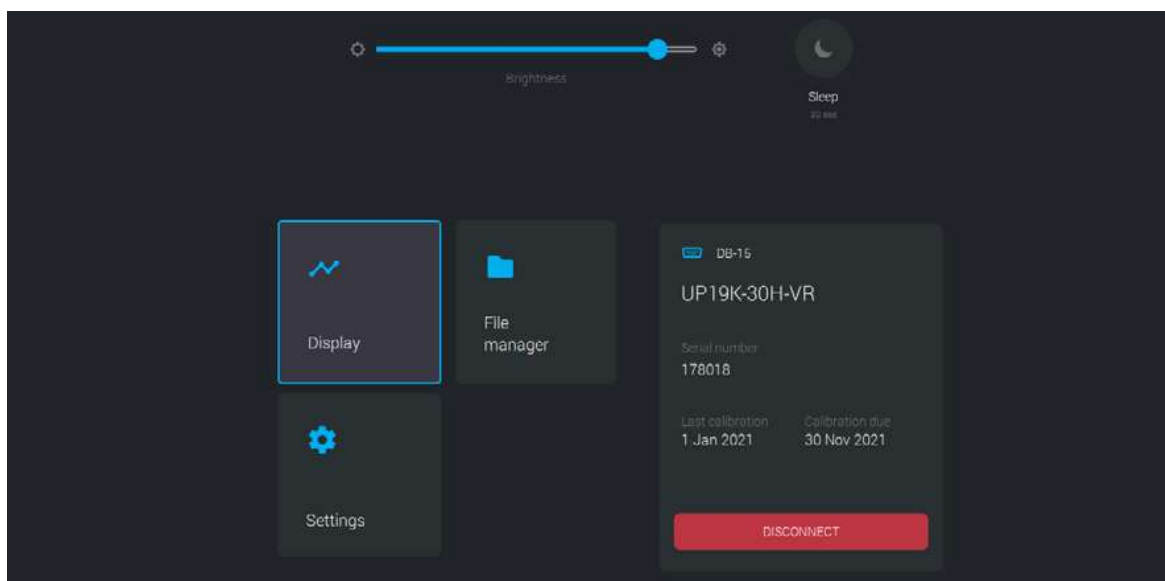
## CONTROL CENTER

The control center is accessible from all screens in the top left corner.

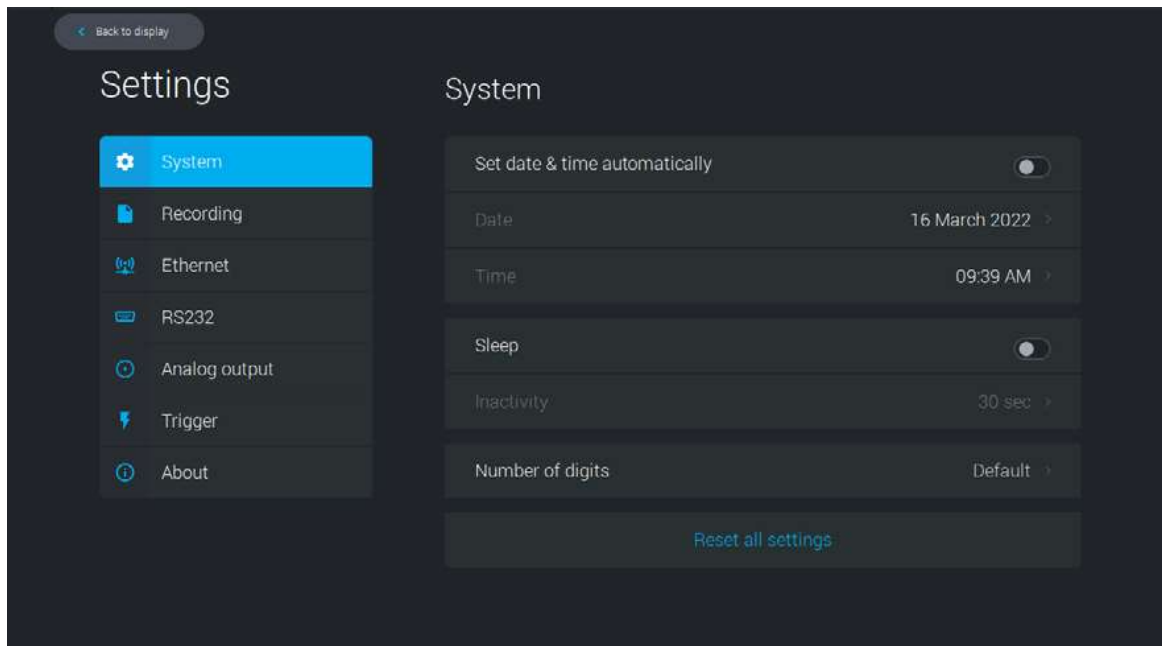
Easily navigate between the main screens of the app:

-  Display
-  File manager
-  Settings for the device.

Connect/disconnect your Gentec-EO detector to MIRO ALTITUDE



## DEVICE SETTINGS



**System:** Set device settings: language, date, time, sleep, number of digits, etc.



**Recording:** Set your default recording parameters for power/energy measurement and destination.



**Ethernet:** Set your Ethernet parameters or let MIRO manage this automatically.



**RS-232:** Set your RS-232 parameters.



**Analog output:** Set your analog output parameters.



**Trigger:** Use an external trigger and set your trigger level.



**About:** View important information about your device (serial number, firmware version, software version, calibration date) and find support.