

Mobotix M16 TR



MX-V5.2.6.7 (2020-06-16) .

web- Mobotix.

Axxon Next web-:

1. (1) Temperatures (2).

MOBOTIX M16 mx10-25-119-125 Live

Temperatures **2**

2. .

MOBOTIX M16 mx10-25-119-125 Live

Ambient Temperature 27.0 °C

Offset °C

0.0

Temperature History

Average Temperatures in °C

3. Setup Menu (1) Thermal Sensor Settings (2).

MOBOTIX M16 mx10-25-119-125 Live

Thermal Sensor Settings **2**

4. Temperature Compensation (1).

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MOBOTIX M16 mx10-25-119-125 Thermal Sensor Settings

Linear Mode Factory default: On

Temperature Compensation 1

100

95

2 27

Enable Linear Mode: Enable linear mode in order to use [Thermal Radiometry](#) events. Factory default: On

Manual Configuration: Enable the manual configuration of the parameters for temperature compensation. Note: If disabled, the factory default settings of these parameters (a scene with 100% emissivity in close proximity to the camera) are applied. Factory default: Off

Object Emissivity: Specify the emissivity of the object in percent. Factory default: 100

Atmospheric Transmission: Specify the transmission coefficient of the area between the object and the camera in percent. Factory default: 100

Ambient Temperature: Specify the temperature of the area between the object and the camera in degrees Celsius. Note: This parameter only has an effect if Atmospheric Transmission is set to a value less than 100%. Factory default: 22

5. (2, .2).

6. Value Range Thermal Range .

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MOBOTIX M16 mx10-25-119-125 Thermal Sensor Settings

Value Range Small (High Sensitivity)

Thermal Range Enabled

Value Range: Set the value range, i.e., the lowest and the highest temperatures that can be displayed. A small value range noticeably increases the sensitivity (i.e., the smallest temperature difference that can be shown) compared to a large value range.
Automatic: The camera automatically switches between high sensitivity and high temperature range.
Large (Low Sensitivity): Reduces sensitivity and shows a larger temperature range.
Small (High Sensitivity): Increases sensitivity and shows a smaller temperature range. Factory default: Automatic

Automatic Adjustment: Enables automatic calculation of the minimum and maximum thermal values used for color mapping. Factory default: Enabled

Allow Immediate Updates: Allows immediate updates of thermal range if scene changes drastically. Factory default: Off

Update Speed: Select update speed of thermal range. Factory default: Medium

Level of Detail: Using the settings Medium or High in scenes with small temperature differences increases contrast and shows more image details while slightly increasing image noise.

7. Display Mode (Right) (1) Picture in Picture (2).

MOBOTIX M16 mx10-25-119-125 Live

Display Mode (Right) 1

Full Image

Picture in Picture 2

Picture in Zoom

Event in Picture

8. .