SWI IoT Cloud Release Notes

Software Version: SWI IoT Cloud v2.20

Release Date: July 6, 2022

Products Affected: SWI IoT Cloud, IM500, SM500

Description: SWI IoT Cloud Software is the Systems With Intelligence IM500 and SM500 IoT Cloud Processing and Storage Software. The software operates the Systems With Intelligence IM500, SM500 and the IoT Cloud Dashboard. SWI IoT Cloud Version v2.20 contains enhancements and corrections. These release notes contain the highlights of this release.

1 Detailed Description

1.1 Polygon Thermal Box

Thermal area of interest boxes can now be configured on the IM500. The polygon can be of any shape and can support up to 12 vertices.

1.2 Add Temperature Bar to the Thermal Camera Setup Page

Add adjustable temperature bar to cam setup page so that the user can adjust the max and min and have a clearer view of objects on it when drawing boxes.

1.3 Increase Cam Setup snapshot size by 40% by area

The Cam setup snapshot is now 40% bigger than previous version to make it easier for users to view and setup thermal boxes.

1.4 Thermal snapshot temperature readout to have units

Hovering over a spot in a thermal image taken by an IM500 unit will display the temperature at that point above the image as a 2 decimal number with units (E.G. 27.00). The units are degrees C or F depending on the configure temperature unit of the device.

1.5 Data Export: zip file if more than one device selected

If more than one device is selected for data export, then the file is zipped so that we get one file download.

If single device - download as .csv

If multiple device - zip it and download one file

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