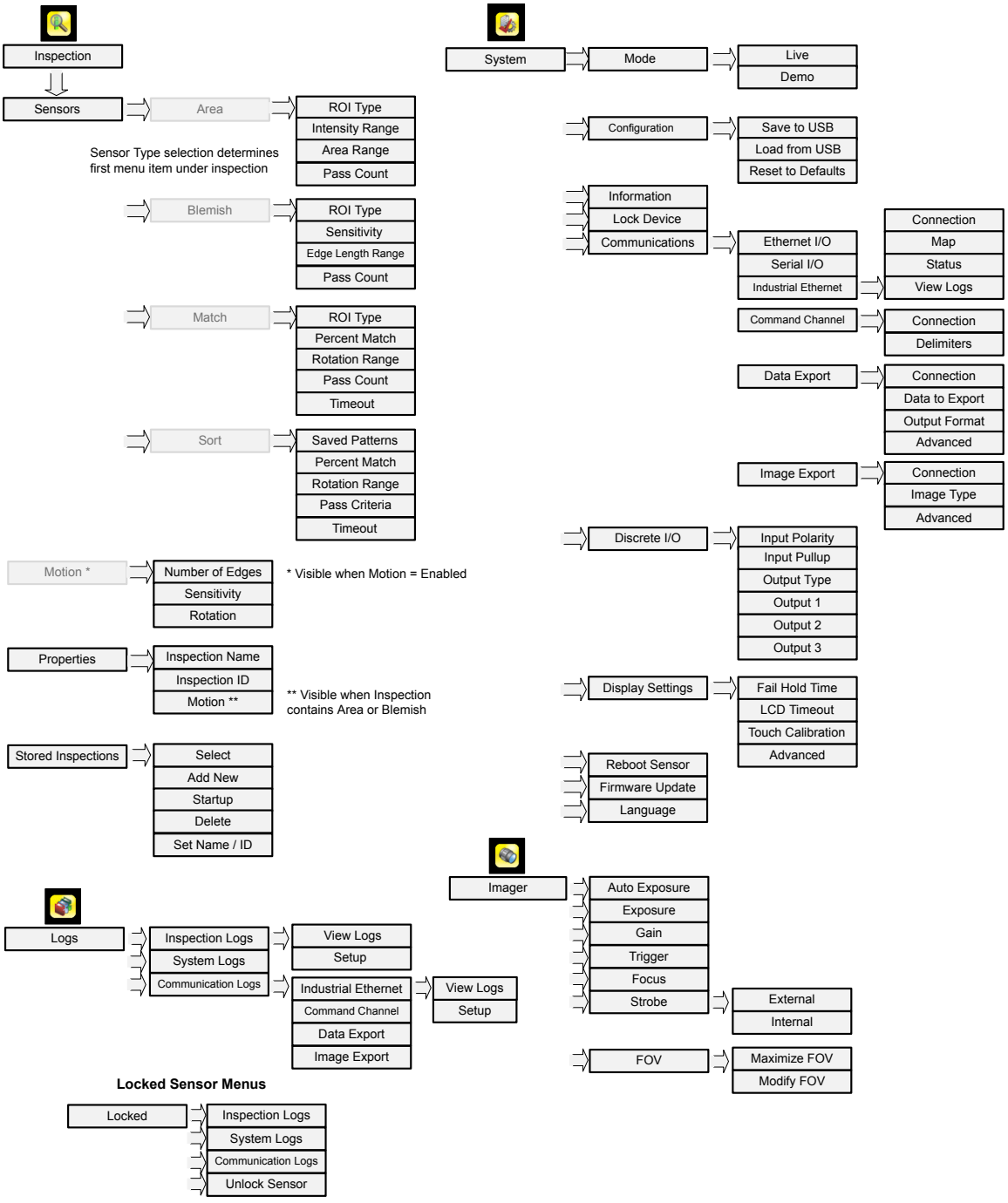
Sensor Reference

The purpose of this document is to provide a quick reference to the icons and the menu hierarchy used in the iVu Plus Series sensor.

Main Menu



Icon Reference

Action Icons

Icon	Description
	The Main Menu icon is displayed on the bottom-left corner of the sensor display on the Home screen. It provides access to sub-menus that are used to set up the sensor.
	The Inspection menu icon is located on the the Main Menu, and provides access to parameters that need to be set for the current and all stored inspections.
	The Imager menu icon is on the Main Menu, and lists parameters that affect the characteristics of the captured image.
	The System menu icon is on the Main Menu, and is used to manage the sensor.
	The Logs menu icon is on the Main Menu, and is used to set up, view, and save Inspection, Communications, and System Logs.
	The Home Screen icon is displayed in the upper-left corner of the sensor display when viewing menus and parameter screens in the Main Menu. It is used to quickly return to the Home Screen.
	The Display Annotations icon is one of three icons displayed in the upper-left corner of the sensor while monitoring inspections on the Home Screen. Click this icon to highlight features that the sensor finds.
	The Hide Annotations icon is one of three icons displayed in the upper-left corner of the sensor while monitoring inspections on the Home Screen. Click this icon to disable highlighting.
	The Show Statistics icon is one of three icons displayed in the upper-left corner of the sensor while monitoring inspections. Click this icon to show inspection results and input parameters.
	The Hide Log Timestamps icon is one of the icons displayed in the upper-left corner of the Logs screen. Click this icon to hide the time stamp for the Logs.
	The Show Log Timestamps icon is one of the icons displayed in the upper-left corner of the Logs screen. Click this icon to show the time stamp for the Logs.
	The Go Back icon is located on the lower-left of the screen while working in the Main Menu. The Go Back icon is used to return to the previous screen or menu.
	The Help button is located in the upper-right of the screen and provides context-sensitive help for each screen.
	The Manual Trigger icon is located on the lower-right of the sensor display on the Home screen and is used to manually capture a new image.
	The Save icon is used to save data to USB drive, and is available at the bottom of screens such as the Logs screens.
	The Touch Calibration screen displays the Touch Calibration point at various locations on the screen. Every time the icon displays, the user taps the center of the icon to calibrate the screen.
	The Zoom Out icon is located on the right of the screen and is used to reduce magnification of the image being displayed.
	The Zoom In icon is located on the right of the screen and is used to magnify the image being displayed.
	The Intensity Selector is located on the left of the of the Intensity Range screen and is used to select the shade of one of the objects of interest.
	The Decrement icon decreases the currently displayed parameter value by one interval. To quickly decrement the value, press and hold the icon.
	The Increment icon increases the currently displayed parameter value by one interval. To quickly increment the value, press and hold the icon. In the Sort tool, this icon is used to indicate one of the ten storage locations for patterns.

Display Icons

Icon	Description
	The Inspection Passed icon is located in the upper-left of the screen, and indicates that the last inspection passed its test conditions.
	One of the possible Inspection Failed icons located in the upper-left of the screen, it indicates that the last inspection failed.
	One of the possible Sensor Failed icons located in the Inspection Statistic table, it indicates that the sensor failed because the number of objects exceeded the test count.
	One of the possible Sensor Failed icons located in the Inspection Statistic table, it indicates that the sensor failed because there were fewer objects than specified by the test count.
	One of the possible Sensor Failed icons located in the Inspection Statistic table, it indicates that the sensor failed because the inspection timed out.
	One of the possible Inspection Failed icons located in the upper-left of the screen, it indicates that the sensor is in fail hold mode.
	The Sensor Locked icon is located in the upper-left of the screen, and indicates that the sensor is in a locked state. If no icon is displayed, the sensor is unlocked.

Communications Log Icons

Icon	Description
	Port opened.
	Port closed.
	Indicates that the command has been processed without errors.
	Indicates that the incoming entry is stalled (no new bytes), or end-of-frame delimiter was not received, or client is not reading data on ethernet.
	If the response frame contains an error or is dropped, the log entry icons for the request and the response frames will be colored red, and the displayed error count will increment by one.
	If the command takes a long time to process, the last long entry will change to an hourglass (for example, during trigger of long inspections).