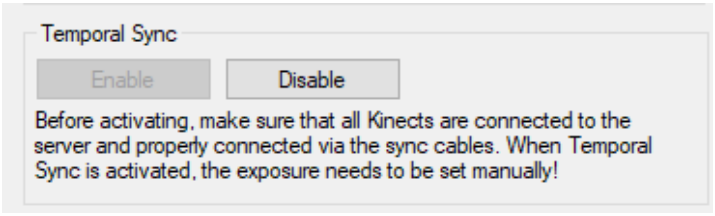
LiveScan 3D Azure Kinect Manual

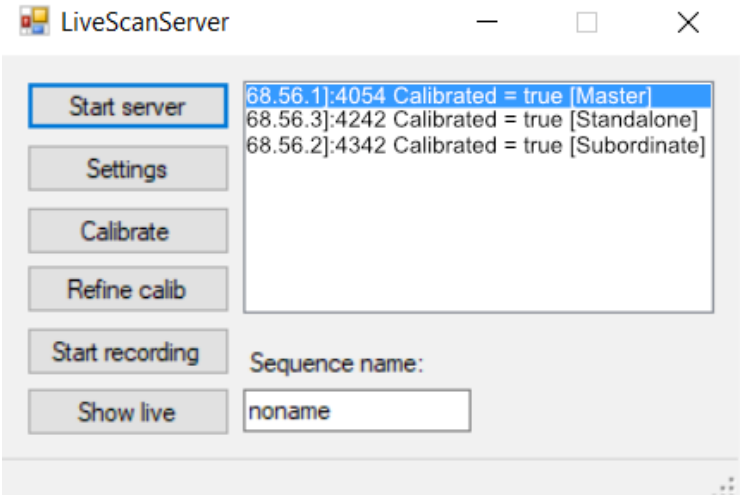
LiveScan3D supports special features that only work on the Azure Kinect sensor. This document only explains these features. For an explanation on the general usage of LiveScan3D, please take a look at the “Manual.pdf”.

Temporal Synchronization

LiveScan3D supports the synchronization feature of the Azure Kinect, which will temporally sync multiple devices to allow for a cleaner capture. Prepare the devices by connecting all Azure Kinects via cable in a Daisy-chain configuration (more information here). Open the settings in the LiveScan server and click the "Enable"-Button found under "Temporal Sync".



The devices will now perform a restart and after a few seconds you should be able to see the role of the devices (Master, Subordinate, Slave) in the Client-List of the Server. The role of the device is dictated by how the devices sync-ports are wired up.

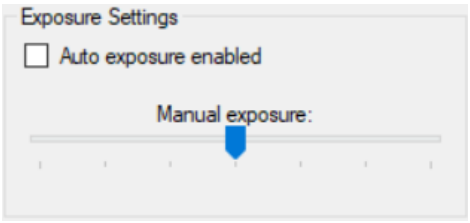


A error message will appear in the server window if the devices are not connected properly, or experience other difficulties.

Note: While the Sync feature is activated, the camera exposure has to be controlled manually.

Exposure Control

Livescan supports exposure control for all clients. LiveScan uses auto exposure as a default setting. To enable or disable manual exposure, open the settings on the LiveScan server and tick the "Auto exposure enabled" box. If auto exposure is disabled, you can manually set the exposure with the slider provided below the box. These settings will affect all connected clients simultaneously, individual control of the devices is not yet possible.



Body Data

Body Data is not yet implemented for the Azure Kinect and therefore deactivated in the settings.