Leica Absolute Scanner (LAS) 20-8

Cable Connections:

1. LAS scanner connects to the LAS controller

2. Connect both the trigger cable and the sensor cable from the LAS control to the Tracker Controller.

3. Connect both controllers via Ethernet to the host computer or network switch.

Requirements:

▪ AT960 with firmware V 1.2.0.4215 or newer

▪ RDS V4.1 RC3 or newer

▪ SA version 2016.02.18 or newer

Software configuration:

Computer Configuration:

▪ Verify that the Computer Network Connect is set to 192.168.0.# (>2 and <254)

▪ The Tracker IP defaults to 192.168.0.1

▪ The LAS system = 192.168.0.2 (fixed address)

RDS Configuration:

- Within RDS go to the Connections pannel on the right hand tab and configure RDS to run with the AT960 as shown in below (Figure 14-95).
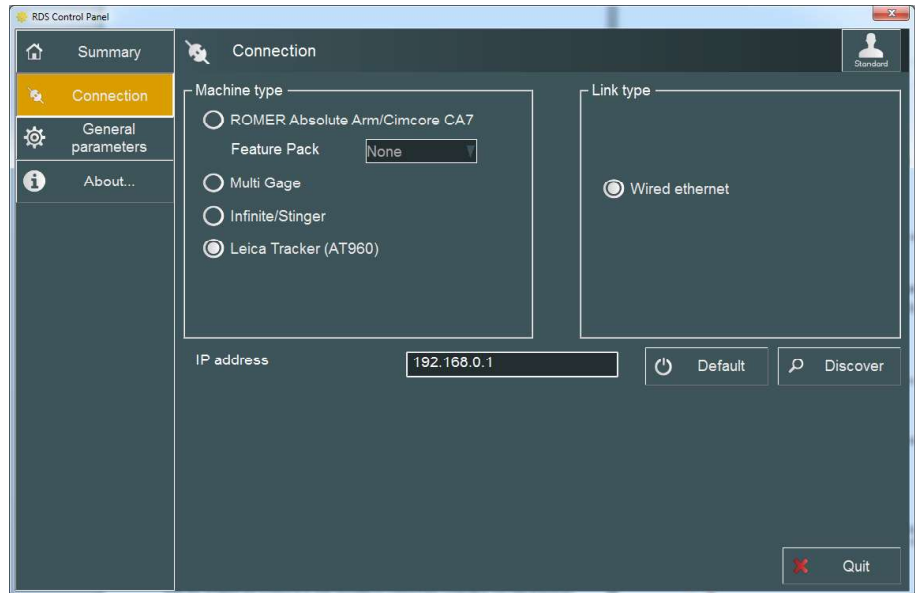
Tracker configuration through Tracker Pilot:

- Ensure that the AT960 has the current firmeware V 1.2.0.4215 or newer.

- Import the Scanner .emsys files which contain the LAS face compensations and define the target.

Connection Process:

- Connect to the AT960 following the standard connection procedure. For more details refer directly to the tracker Quick-Start guide (see "B-Probe Configuration and Use" on page 404)

Using The LAS

The laser tracker interface will automatically detect the LAS as a reflector type once all configuration is complete. This is done automatically just like a T-probe or T-mac is auto-detected.

The scanner will initiate as it connects and you should then be able to begin and stop scanning using the trigger button (Figure 14-96).
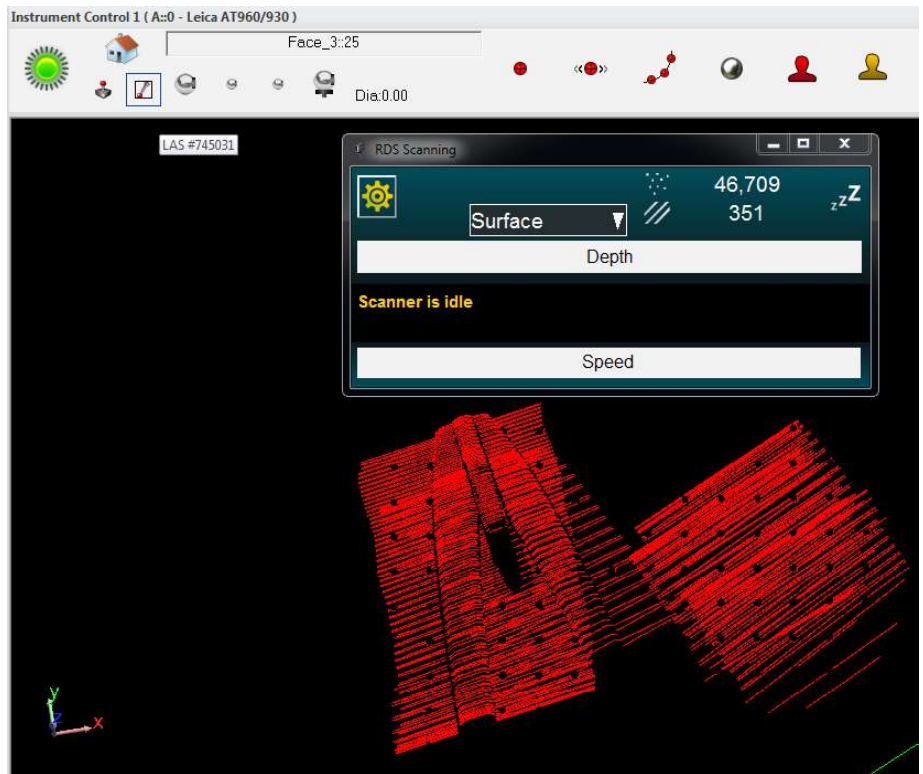
Figure 14-96. LAS Connection in SA.

Cloud Naming

Cloud naming is based upon the "group" name specified in the tracker interface. By default the cloud name will increment automatically each time the Scanner Button is Released. This auto-incrementing can be turned off through the tracker settings menu (**Tracker>Settings>Leica AT960/930**)