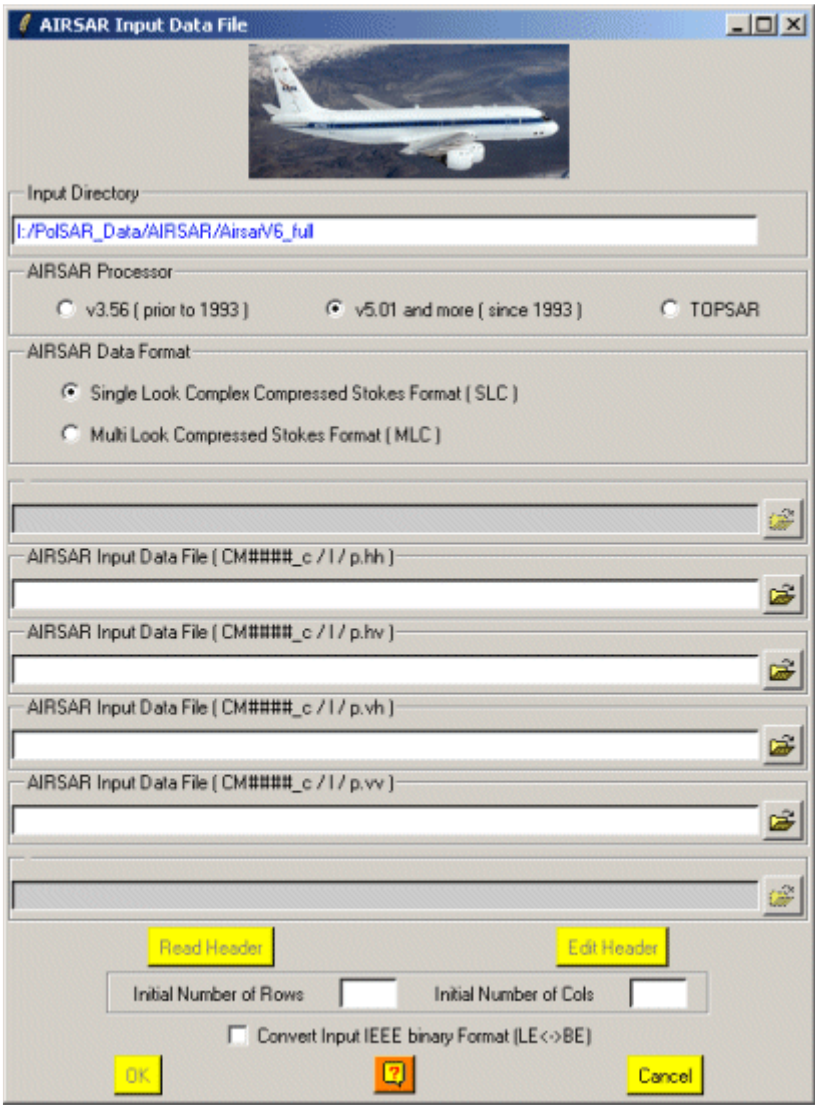
AIRSAR Input Data File



Description:

This program sets and configures the main characteristics of the Input Data Files in order to convert polarimetric data sets encoded using the AIRSAR specific data format to PolSARpro compatible binary data.

Comments:

Parameters written in Red can be modified directly by the user from the keyboard.

Input/Output Arguments:

Input Directory Indicates the location of the considered **Main Directory (MD)** containing the AIRSAR data file to be converted.

Processor Correspond to the AIRSAR Processor version

Data Format Correspond to the input AIRSAR data format.
The denomination **SLC** stands for Single Look Complex (Sinclair [S2] matrix) and **MLC** stands for Multi Look Complex (Stokes matrix).
By ticking the appropriate box, users may indicate PolSARpro to toggle between these two binary data formats before converting the polarimetric data files.

AIRSAR Input Data File Corresponds to the four polarimetric input AIRSAR format data files to be processed.

CM####_c/l/p.xy The **CM** indicates that the data are SCATTERING MATRIX COMPRESSED = compressed single look polarimetric data. A four-digit output product number that is unique for each scene follows **CM**. The denomination **c/l/p** stands for the frequency band and **xy** for the polarimetric channel (hh, hv, vh or vv)

Read/Edit Header:

Read Header Input Stokes data files may, or not, contain a header block describing some of the polarimetric data characteristics and particularly the number of rows and columns.

- If the input file contains a header, the **Initial Number of Rows and Columns** will be automatically initialised.
- If the input file does not contain a header, users have to provide the considered image **Initial Number of Rows and Columns.**

Edit Header If the input file contains a header, users have the possibility to edit the different header of the input data file.