

PISAR Input Data File



The screenshot shows the 'PISAR Input Data File' dialog box. It features a title bar with standard window controls. Below the title bar is a small image of a satellite. The main area contains several input fields and checkboxes. The 'Input Directory' field is set to 'C:/PolSAR_Data/PISAR/NIIGATA_L'. The 'PISAR Data Format' section has two options: 'MGP-C Data File' (unchecked) and 'SSC or MGP Data Files' (checked). The 'Input MGP-C Data File' field is empty. There are four 'Input Data File' fields, each with a file name: 'C:/PolSAR_Data/PISAR/NIIGATA_L/nigataul03011.mgp_HH', 'C:/PolSAR_Data/PISAR/NIIGATA_L/nigataul03011.mgp_HV', 'C:/PolSAR_Data/PISAR/NIIGATA_L/nigataul03011.mgp_VH', and 'C:/PolSAR_Data/PISAR/NIIGATA_L/nigataul03011.mgp_VV'. At the bottom, there is a checkbox for 'Convert Input IEEE binary Format (LE<->BE)' which is unchecked. The dialog box has 'OK', 'Cancel', and a help icon button at the bottom.

Description:

This program sets and configures the main characteristics of the Input Data Files in order to convert polarimetric data sets encoded using the PISAR 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 CONVAIR data files to be converted.
Data Format	Correspond to the PISAR encoded data format used. By ticking the appropriate box, users may indicate PolSARpro to toggle between these two binary data formats before converting the polarimetric data files.

**Input Data
Files**

Correspond to the input polarimetric channel data files, encoded using the PISAR format, to be processed.

Convert Input IEEE Binary Format:

Binary data may be encoded according to the **IEEE Little Endian** or **Big Endian** convention according to the type of architecture or operating system of the computer used to process SAR data.

By ticking the appropriate box, users may indicate PolSARpro to toggle between these two binary formats before converting the polarimetric data files.
