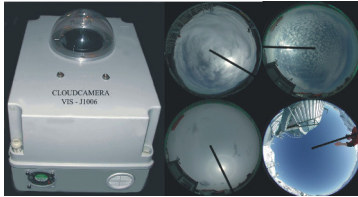
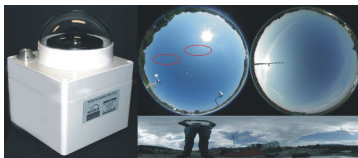


- Calibration of instruments for radiation measurements
- Measurement of radiation from UV to IR
- Software for special requirements

Total sky Imaging Solution - a historical overview



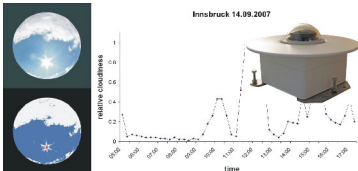
2004: The first Cloud Camera was put into operation at beginning of 2004. It was designed for scientific investigations and includes a rotating shadow band to protect the sensor chip against saturation.



2005: Several steps in technical development were applied. No shadow arm is needed any longer. Miniaturization process was applied. System was connected via USB to main PC.



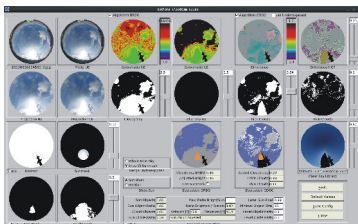
2006: At end of 2006 a new housing for harsh environment was designed. The acrylic glass dome was replaced by quartz-glass dome.



2007: Analysis software for total cloud cover was introduced.

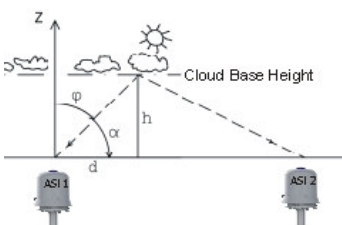
2010: White coloured camera housing & TCP/IP connection.

2011: Anti reflective coating for Quartz-glass dome.



2012: Analysis software to distinguish different cloud types was introduced.

2014: Analysis software for Cloud Base Height.



2015: Start development of new Sky Imager generation with actual electronics.



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