



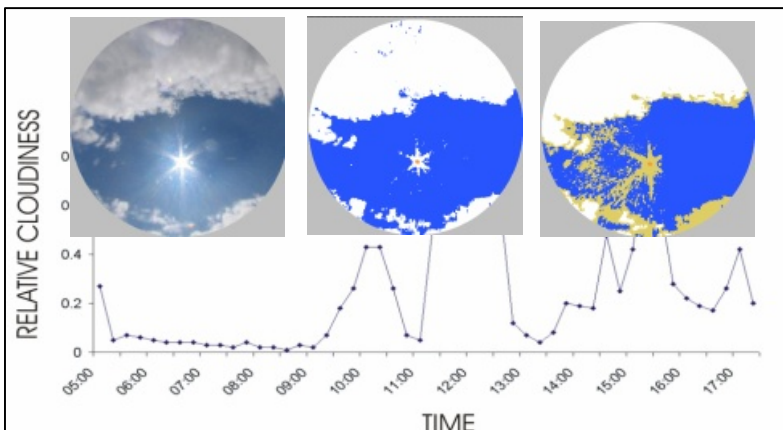
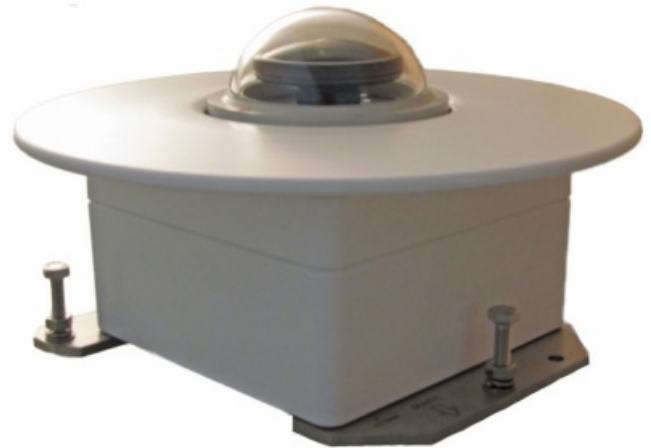
- Calibration of instruments for radiation measurements
- Measurement of radiation from UV to IR
- Software for special requirements

The Austrian  
Calibration Measurement Software Company

## Total sky Imaging Solution

The Total Sky Imager VIS-J1006 is an automatic imaging system. It provides real-time coloured images of the total sky (180° field of view).

Cloud cover, optically thin & thick cloud and detection of direct sun is calculated by the Findclouds software. For data analysis it is possible to define area of interest by horizon masking and zenith masking.



An on board computer controls the system. It is possible to use the system as standalone (4 GB internal non volatile memory) or remote controlled detection system via TCP/IP network. A glass dome protects the optic in a weather proof housing against environmental effects.

Field of Application: remote sensing, weather and cloud observations, atmospheric research applications, supervision systems, aircraft based observation systems.

### SPECIFICATION

Digital camera	colour, up to 4 Mpix
Controller	embedded PC
Sky picture format	JPEG
Connection	TCP/IP (Network cable, 20m standard)
Housing	weatherproof, IP64
Data volume	~60MB/day (1 pic @ 10min @ 2 Mpix)
Operating System	Win XP, Win Vista, Win 7, Linux
Operating Temperature	-30°C to +40°C
Weight	3 kg
Dimension	20cm x 20cm x 20cm
Dome material	Glass
Power supply	12V/1A
Power consumption	3W/9W (Heating Off/On)



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## HIGH QUALITY OPTICAL COMPONENTS FOR SCIENCE AND INDUSTRY

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QUARTZ DOMES  
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