

VIS-J1006

Precision is
our business



APPLICATION

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 and detection of direct sun is calculated by the software VIS-J1006-FINDCLOUDS which allows also reprocessing of stored data. 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 (8 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, 2 Mpix
Controller	embedded PC
Sky picture format	JPEG
Connection	TCP/IP (Network cable, 10m standard)
Housing	weatherproof
Data volume	~60MB/day (1 pic @ 10min)
Operating System	Win XP, Win Vista, Win 7, Linux

Physical data

Weight	3 kg
Dimension	20cm x 20cm x 20cm
Dome material	Glass
Power supply	12V/1A
Power consumption	3W/6W (Heating Off/On)

CMS Ing. Dr. Schreder GmbH
Lofererstrasse 32
6322 Kirchbichl
AUSTRIA

Tel: 0043 / (0)5332 / 77056-00
Fax: 0043 / (0)5332 / 77056-14
E-Mail: info@schreder-cms.com