

MR compatible video camera

Description

MRC's video camera was developed for the use inside the gantry or anywhere in the intervention room of an MRI scanner. It has been tested in different environments ranging from 0.23 to 7.0 T. We can equip the camera with various lenses to optimise the field of view, magnification, and working distance for your application.

The CMOS camera module is based on a 1/3" b/w or colour sensor.

The standard module is very small and fits into almost any application. If you prefer having a distance between camera and object, a vario lens* is recommended. See the specification examples below for details.

The video camera can be connected to a TV set, a VCR, or a video / frame grabber card in a PC.

NTSC and PAL versions are available.

Please do not hesitate to contact us with regards to mounting equipment or other accessories.

Specification

- output
- output impedance
- sensitivity
- supply

EIA 60 Hz / CCIR 50 Hz
half frame rate

75 Ω

0.2 Lux for f#1.2

DC 6V, 200 mA

standard

12 mm

12.0 mm x 0.5 mm thread

28 x 18 x 30 mm³

22 g

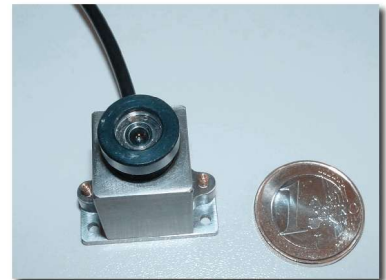
with vario lens*

6 – 60 mm

CS-mount 1", 32 threads/"
(UN-2A)

36 x 36 x 125 mm³

325 g



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* Note: The vario lens can be used without interference up to a distance of about 1 m to the magnet entrance.

Work in progress. Subject to change without prior notice.