



CAMERA SUMO-HD60

Camera SUMO-HD60 is a high resolution color camera intended for long-range surveillance applications. A high resolution sensor in combination with a 60x zoom lens delivers a high quality video. Magnification of the system can be increased twice by inbuilt extender, in total 120x. The lens with a large entrance aperture ensures sufficient light conditions for a high quality video.

The camera with its accessories is placed in a sealed ruggedized environmental housing to protect optical and electrical parts. A camera body is equipped with an internal heating system. The housing includes a protective sun roof. The camera is remote-controlled via a serial line.

Functions: autofocus, range enhancement, image stabilization, motion detection, OSD etc.

TECHNICAL SPECIFICATION

| Camera module | |
|------------------------|---|
| Sensor | 1/2" CMOS |
| Resolution | 1280 x 720 |
| Sensitivity | 36.08 p ($\lambda = 525 \text{ nm}$) (EMVA standard 1288) |
| S/N ratio | 53 dB |
| Video output signal | HD-SDI |
| Lens | |
| Focal length | 16,7 - 1000 mm |
| Zoom | 60x optical, extender - 2x |
| Field of view | WIDE: 22°35' x 13°6' TELE: 0°24' x 0°14' With extender: WIDE: 11°30' x 6°32' TELE: 0°12' x 0°7' |
| Others | |
| Control interface | RS232 |
| Power supply | 24 V DC (18 V – 32 V) |
| Consumption | 32 W (typical), 100 W (with heater) |
| Operating temp. | -32 °C to +55 °C |
| Storage temp. | -35 °C to +60 °C |
| Envir. protection | IP66 |
| Weight | 16 kg |
| Dimensions (L x W x H) | 700 x 249 x 204 mm |
| Complies with | EN 61000, MIL-STD-810, MIL-STD-461 |