

CAMERA SUMO-D36



Concept of the camera SUMO-D36 offers cost effective solution for a remote-controlled analog camera with high sensitivity in day/night surveillance applications.

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

The camera incorporates a 1/4 type Exview HAD CCD and features True Progressive Scan with exceptional image quality. Progressive scan mode provides smooth and clear images when viewing details in a moving image.

36x zoom "SMART" lens features an incredibly high telephoto zoom capability. In combination with an image stabilizer function it provides exceptional clarity and stability of distant objects.

The camera achieves a high horizontal resolution of 550 TV lines to reproduce very clear and detailed images.

The camera can operate in two modes: Color or Black & White. In low light conditions the camera can be switched to black and white mode, in which it is sensitive to near IR spectrum.

TECHNICAL SPECIFICATION

Camera module

Sensor	1/4" EXview HAD CCD
Resolution	550 TV lines
Picture elements	440K pixels (PAL) 380K pixels (NTSC)
Sensitivity	1,4 lx color mode 0,01 lx BW mode
S/N ratio	50 dB
Video output signal	1 V p-p / 75 Ω

Lens

Focal length	3,4 – 122,4 mm
Zoom	36x optical, 12x digital
Field of view (H)	WIDE: 57°48' TELE: 1°42'

Others

Control interface	RS232
Power supply	24 V DC (18 V – 32 V)
Consumption	5 W (typical), 75 W (with heater)
Operating temp.	-32 °C to +55 °C
Storage temp.	-40 °C to +60 °C
Envir. protection	IP66
Weight	2,6 kg
Dimensions (L x W x H)	262 x 108 x 114 mm
Complies with	EN 61000, MIL-STD-810, MIL-STD-461

Functions: autofocus, image stabilization, backlight compensation, advanced white balance, image stabilizer, progressive scan, SMART lens control technology, Auto ICR, wide dynamic range, enhanced noise reduction, etc.