

Inspecam[®] Z

-High performance zoom camera
-Autofocus
-RS232 interface



SPECIFICATIONS

OPTICAL

Lens F=4.1 to 73.8 mm F1.4 to F3
Optical zoom 18X
Digital zoom 4X (total 72X with optical)
Minimum object distance 0.5 mm (macro) to 800 mm (tele)
Focus Auto / Manual / Interval AF / Zoom trigger AF (from 10 mm to infinite)
Iris Automatic
Viewing angle in air (horiz) 48° (wide) to 2.8° (tele)
Viewing angle in water (horiz) 36° (wide) to 2.1° (tele)

ELECTRICAL

Image sensor 1/4" Sony CCD super HAD
Horizontal resolution 460 TVL
Minimum illumination 0.07 lux F1.4 (1/3 s)
Minimum illumination 1 lux F1.4 (1/60 s)
Shutter speed 1/1 to 1/10,000 sec
Gain control Automatic
White balance Auto / Manual (-3 to 28 dB)
Back light compensation On/Off
Aperture control 16 steps
Signal/Noise ratio More than 50 dB
Output signal Composite 1 V p-p Y/C output
Interface VISCA protocol RS232 / TTL 9.6 Kbps, 19.2 Kbps, 38.4 Kbps
Conformity Electromagnetic compatibility EN500081-1 & EN50082-1
Supply 12 V 4 Watt

MECHANICAL

Housing Stainless steel AISI 316
Window
Diameter 94/88 mm
Length 170 mm
Weight in air 4.8 kg
Weight in water 3.2 kg

CONNECTOR

Standard connector Subconn BH8M or FCR2408M

ENVIRONMENTAL

Rated depth 4000 m (Optional 6000 m)
Operating temperature, water 0°C to 50°C
Storage temperature, air -20°C to 60°C

