The VDC-250/260 Day/Night camera is a compact, stylish surveillance dome that offers excellent resolution in variable lighting conditions. The high performance 1/3-inch CCD camera is available with a 3.8 mm fixed lens or a 3.8 to 9.5 mm varifocal lens.

The camera is an ideal solution for demanding scene conditions. The Day/Night feature ensures the highest image quality possible at any time. Depending on the available light, the camera automatically switches from color to monochrome.

The camera is easy to install and can be adjusted around 3 axes. Privacy zones and motion detection functions can be set up in the handy camera menu system.

**Features**

- Excellent resolution (570 TVL sensor resolution)
- Lens choice
- Clean images under variable light
- Day/Night performance with switchable filter
- Easy install
Technical specifications

System
PAL or NTSC

Effective pixels (H x V)
752 x 582 (PAL)
768 x 494 (NTSC)

Image Sensor
1/3-inch High sensitivity CCD

Video Output
Composite: 1 Vpp, 75 Ohm

Sync. System
Internal sync., Line-lock

S/N Ratio
(sharpness, AGC off)
50 dB min.

Horizontal resolution
570 TVL Sensor Resolution

Minimum Illumination
0.05 lx (color)
0.005 lx (ICR, B/W)

Varifocal lens
(F1.4, 30IRE, AGC max.)

Minimum Illumination
0.15 lx (color)
0.05 lx (ICR, B/W)

Fixed lens
(F2.0, 30IRE, AGC max.)

ESC
1/50 – 1/120,000 (PAL)
1/60 – 1/120,000 (NTSC)

Manual Shutter
1/50(60), 1/100(120), 1/250, 1/500, 1/700,
1/1k, 1/1.6k, 1/2.5k, 1/5k, 1/7k, 1/10k, 1/30k,
1/60k, 1/120k

DNR
Off, Low, Middle, High

White Balance
ATW, Manual, Push

SBLC
Off, Low, Middle, High

AGC
On, Off

Day/Night
Auto, Color, B/W, Ext.

Burst
On, Off

Motion detection
On, Off (4 programmable zones)

Privacy
On, Off (4 programmable zones)

Mirror
On (horizontal), Off

Sharpness
1 - 20

Gamma
0.35, 0.45, 0.6, 0.75

OSD language
English, Chinese

Lens type
DC iris / manual lens

Supply Voltage
24 VAC (+10%)
12 VDC (+10%)

Power Consumption
3.6 W max. / 0.3 A

Operating Temperature
-10 °C to +50 °C
(14 °F to +122 °F)

Operating Humidity
30% to 80% RH

Storage Temperature
-20 °C to +60 °C
(-4 °F to +140 °F)

Storage Humidity
20% to 90% RH

Certifications and approvals

Region
Certification

Europe
CE

Standards
ANSI C63.4: 2003
FCC Part 15 subpart B, Class A Digital Devices
UL 60065, 7th Edition. 2007-12-11
CAN/CSA-C22.2 No. 60065-03, 1st Edition,
EN55022:2006, Class A
LVD 2006/95/EC
EN60950-1:2006+A11:2009
IEC 60950-1:2005 (2nd Edition)