

Full HD 1080p

High Definition video over coaxial cable

2.8mm-12mm
HD varifocal lens



Model: **A50-VF3**

Business - SERIES

AHD 1080P HIGH DEFINITION CCTV SOLUTIONS

2.4 Megapixel Varifocal Lens
Weatherproof 40 Meters IR Dome Camera

- 1/2.9" SONY HD Exmor CMOS sensor
 - True Day / Night with built in ICR
 - Minimum illumination
 - Color Mode: 0.0001 Lux
 - B/W Infrared Mode: 0 Lux
 - 2.8mm ~ 12mm HD 3.0MP varifocal IR lens
 - Max. 40 meters IR range (132 ft.)
 - 36 pcs. x BLACK DIAMOND IR LED's
 - 360° degrees gimbal adjustment
 - OSD (On Screen Display) menu setup
-
- Power Input : 12VDC
 - IP rating: IP67



AHD

CE

FC

RoHS
Compliant

Full HD
1920x1080

Double surge protection inside

Built in with double TVS (Transient voltage suppressor) & ESD (Electrostatic discharge) surge protection against nearby lightning strikes on air that creates minor surge to the camera



Surge protection 1

Main dedicated surge protection board module (optional)



Surge protection 2

Surge protection circuit built-in main camera board

TECHNICAL SPECIFICATIONS

Model: A50-VF3

IMAGE SENSOR	- 1/2.9" SONY HD Exmor CMOS sensor
VIDEO RESOLUTION	- 2.4 Megapixel (1280H * 960V)
VIDEO OUTPUT	- AHD or CVBS (selectable)
MINIMUM ILLUMINATION	- Color mode: 0.0001 Lux - B/W IR mode: 0 Lux (IR On)
CAMERA LENS TYPE	- 2.8mm ~ 12mm HD 3.0 megapixel adjustable varifocal IR lens
TRUE DAY/NIGHT	- Yes, built in ICR inside
INFRARED DISTANCE	- Max. 40 Meters / 132 ft.
INFRARED LED	- 36 pcs. x BLACK DIAMOND IR LED's
SCANNING SYSTEM	- Progressive scan
S/N RATIO	- More than 50db (AGC off)
WHITE BALANCE	- Selectable ATW / AWB / Manual
GAIN CONTROL	- Selectable Auto / Flicker / Manual
ELECTRONIC SHUTTER	- PAL: 1/50 ~ 1/100000 - NTSC: 1/60 ~ 1/100000
OPERATIONAL TEMP.	- 0°C ~ 60°C
OPERATIONAL HUMIDITY	- Within 85% RH
POWER SUPPLY INPUT	- DC12V
OPERATING CURRENT	- 50mA (IR Off) / 340mA (IR On)
CASING CONSTRUCTION	- Aluminum die-cast
FRONT GLASS DESIGN	- Anti IR reflect
CAMERA NETT WEIGHT	- Approx. 600 grams

Smart IR auto dim control

Eliminates object from over exposure caused by strong IR illumination during night. Furthermore, SMART IR exposure level can be program accordingly to installation scenes. Example: Distance between object & the camera



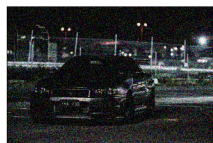
Without SMART IR (Night / IR On)
Over exposure video



SMART IR (Night / IR On)
Non exposure video

0.0001Lux low illumination

Excellent low lighting capabilities, INOX AHD cameras continue to produce brighter & clearer with 95% noiseless color video quality even in low lighting installation scenes compare to others (IR off mode)



Others



INOX AHD camera - 0.0001 Lux
95% noiseless color night mode

2D + 3D digital noise reduction

Reduces 95% of video noise during low lighting or night scenes. Cameras with 2D + 3D DNR function produces smoother & clearer video compare with conventional cameras without 2D + 3D DNR



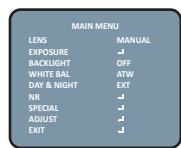
Without 2D + 3D DNR
Video noise during night



With 2D + 3D DNR
Smooth & clear video during night

OSD menu setup

Easy camera setup accordingly to installation scene conditions and lighting with the built-in OSD menu control on the camera



MOTION screen alert

Supports 4x programmable motion preset area to detect motion movements. A useful function to alert users for intruders in the restricted zones when monitoring multiple screens at the same time



Without motion detect alert
Hard to notice in dark area



With motion alert ON
Easier to notice in dark area

DWDR dark spot remover

Clearer and more detail video images. DWDR eliminates dark shadow areas in the video produced by the camera. This function is extremely useful for installation scenes that contain both bright and dark areas



Without DWDR



DWDR On

Manufactured & distributed by:

INOX MANUFACTURING (M) SDN. BHD.
- Malaysia (Company No. 671850-H)

INOX SECURITY PTY. LTD.
- Canada (Incorporation No. BC0722077)



www.inox.com.my

Specifications, description and design are subject to change without prior notice.
All pictures used in this brochure are for illustration purpose only.
The brands and products names are properties of their respective owners



Authorised Dealer: