

# 2.0M HD-SDI FIXED DOME CAMERA

FND-A162N  
FND-A162P



FND-A162N-R  
FND-A162P-R

: IR LED Version



## Key Features

### HD-SDI

SDI is the transmitting technology through the 75  $\Omega$  coaxial cable by serializing the video signal that is not compressed. The video signal that is transmitting through SDI is a kind of digital signal.

Therefore, contrary to the analog signal which is influenced by the deformation of video signal and the distance of transmit, it is possible to transmit the video signal without limitation of distance and deformation of signal through Equalization and Reclocking of the video signal at intervals.

### Day & Night by ICR

For increased sensitivity of image sensor efficiently, a mechanical actuator can shift infrared (IR) Cut filter to disengage from image path automatically in the low light environment.

### 90° Tilting (IR LED Product : 75 °)

The 3 axis mechanism and sophisticated bubble dome design support wider tilting angle up 90 degrees. For various applications, this provides more choices and options in installation.

### Vandal Proof Design

All housing is designed to withstand rugged environments. Aluminum die-casting enclosure and Poly Carbonate clear dome enables stable 24hours security tasks.

### Weather Proof Design

PAD will allow you to be protected against rain, snow and/or storm due to IP66.

### Supper Digital Noise Reduction

In the low light environment, DNR function dramatically improves picture quality by removing various noises such as fixed pattern noise and thermal random noise.

### Wide Dynamic Range

This feature is effective when shooting images against the sun, or when shooting a very bright object.

### Menu Driven Camera Feature Setup

Some model support OSD menu for setup Camera functions such as IRIS, Exposure, and etc.

## Specification

CAMERA		GENERAL	
Image Device	1/2.8" 2.0M Progressive Scan CMOS sensor	Sensor In/Out	Built-in 1 Output
Total Pixels	2000 (H) x 1241 (V)	Video Out	1080/30p, 1080/25p 720/60p, 720/50p
Aspect Ratio	HD: 16:9 SD: 4:3	Power	DC 12V 5W (IR LED Version : DC 12V 7.5W)
Focal Length	Varifocal 3.5-16mm, F1.2,	Approvals	FCC, CE, ROHS
Horizontal angle	80.8°(W) ~ 22.1°(T)	Material	Body: Aluminum Press/ Die-casting
MIN. Illuminance	COLOR : 0.5Lux @ F1.2, 30IRE B/W : 0.01Lux @ F1.2, 30IRE (IR LED Version : 0 Lux @ IR LED ON)	Dimension	Net ØxH): Ø139 x 121.8(H) mm
S/N Ratio	50dB or More	Weight	Net: 1.3 Kg, Package: 2 Kg
Day & Night	Auto / Day/ Night(ICR)	Operating Temp.	-10~50°C
Shutter Speed	1/30~1/60,000 sec		
AGC	Normal, High		
White Balance	AUTO/PRESET/MANUAL		
WDR/ BLC	OFF/WDR/BLC		
DNR	OFF/MID/HIGH		
DSS	OFF, x2, x3, x4		
Image setting	Brightness, Sharpness		
Other Functions	Image Flip, Mirror		