

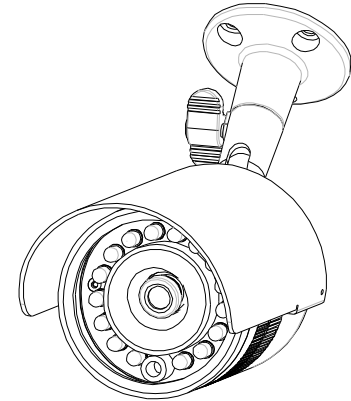
CAMERA SPECIFICATIONS:

	PAL Hi-Res	PAL Std-Res	NTSC Hi-Res	NTSC Std-Res
Image Size	1/3" CCD			
Pixel Element	752(H) x 582(V)	500(H) x 582(V)	768(H) x 494(V)	510(H) x 492(V)
Scanning Frequency	2:1Interlace H : 15.625KHz / V:50Hz		2:1Interlace H : 15.734KHz / V:59.9Hz	
Resolution	>480 TV Lines	>330 TV Lines	>480 TV Lines	>330 TV Lines
Minimum Illumination	1.2Lux @F1.3	1.0Lux @F2.0	1.2Lux @F1.3	1.0Lux @F2.0
Environment Regulation	Equivalent IP65	Equivalent IP66	Equivalent IP65	Equivalent IP66
S/N Ratio	>48dB	>46dB	>48dB	>46dB
Exposure Control	DC Drive; Auto Iris	AES	DC Drive; Auto Iris	AES
Electronics Shutter	-----	1/50 ~ 1/100000 Auto Control	-----	1/60 ~ 1/100000 Auto Control
Day/Night Function	Chrome Killer Auto Control by Luminance Detect			
Backlight Compensation	Centre weighted			
IR Illumination	18 pieces IR LED with CDS Control			
IR Spectrum	850nm			
Effective Range	40 Feet			
Sync System	Internal			
Video Output Signal	1.0Vpp, 75 ohm Unbalance			
ATW Range	2500K ~ 9700K			
Power Supply	DC12V+/- 10%			
Power Consumption	5W Max with IR LED	4.5W Max with IR LED	5W Max with IR LED	4.5W Max with IR LED
Operation Temperature	-10°C to ~ +50°C Less than 80% R.H.			
Storage Temperature	-20°C to ~ +60°C			
Weights	580g	480g	580g	480g
LENS				
Lens	3.8 ~ 9.5mm; F1.3	3.6mm; F2.0	3.8 ~ 9.5mm; F1.3	3.6mm; F2.0

Part Number : 531-BA000-000
Version Number : 20050427-01B

INSTRUCTION MANUAL

Tamper Proof Lens Integrated IR Camera



- 1/3" Integrated IR CAMERA PAL, Hi-Res, DC12V
- 1/3" Integrated IR CAMERA PAL, Std-Res, DC12V
- 1/3" Integrated IR CAMERA NTSC, Hi-Res, DC12V
- 1/3" Integrated IR CAMERA NTSC, Std-Res, DC12V

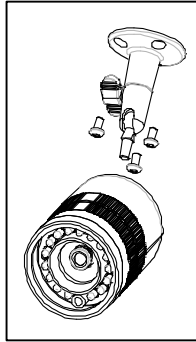
FEATURES

- Automatic Day and Night function
- 18 pieces IR LED, up to 40 feet
- Easy to install on wall or ceiling
- Lens Integrated in one body
- Tamper proof
- Compact and light weight design
- Back Light Compensation,
- White Balance, and Gain Control
- Video cable with BNC included.

PRECAUTIONS

1. Do not attempt to disassemble the camera. To prevent electric shock, do not remove screws or cover. There are no user-serviceable parts inside. Refer servicing to qualified service personnel.
2. Handle the camera with care. Do not abuse the camera. Avoid striking or shaking it. Improper handling or storage could damage the camera.
3. Irrespective of whether the camera is in use or not, never face it towards the sun. Use caution when operating the camera in the vicinity of spotlights or other bright lights and light reflecting objects.
4. Do not operate the camera beyond its temperature, humidity or power source ratings.

INSTALLATION



1. Drilling holes in ceiling/wall

Use the bracket to mark the appropriate mounting positions on ceiling or wall.

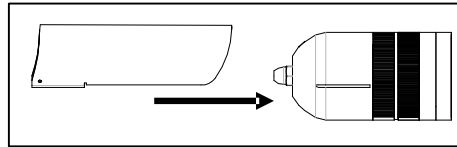
Drill holes on ceiling or wall in order for later affixing the bracket to ceiling/wall.

2. Connecting camera to bracket

Depending on ceiling mount or wall mount, fix the bracket to the up-side or down-side hole of the camera.

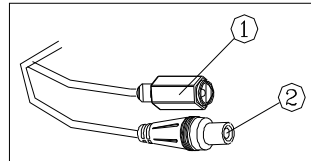
3. Fixing sunhood to camera

As the drawing, slide in the sunhood.



4. Fixing the cameras with bracket into ceiling/wall

5. Connecting cables



1. ① : Power input cable.
2. ② : Video out cable.

6. Adjusting view angle and focus (Hi-Res models only)

Adjust the rings for focus and field of view.

Caution: Never turn the rings over their limits.

■ ATTENTION

1. Check that power is off before handling the power cable.
2. Check 12vDC polarity before connecting to the PSU.
Wrong polarity will damage camera.

Packing List

1. Camera with Fixed Lens	x 1
2. Sunhood	x 1
3. Bracket	x 1
4. Pairs of screws in one pack	x 3
5. Drilling template.	x 1
6. Instruction Manual.	x 1