

# PARABIT

*Enhancing Self-Service & Improving Security*

Anti-Theft Resistant  
Phones

Telephone Access

Building Access

Cameras & DVR'S

Kiosks Light Sensor

ATM Toppers

Welcome Centers

Surrounds

Digital Signage

High Resolution Security Camera Systems / D-1 Series  
[www.parabit.com](http://www.parabit.com)

revised as of 8/23/12

## CA-BX-580

- Wide Dynamic Range (Wdr)
- Razor Sharp 580 TV Line In Color
- Dual Voltage Auto Detect
- High-Light Compensation (HLC) Function



Lens not included

**580** DAY TV LINE  
**600** NIGHT TV LINE

**0.3** Lux  
**0.00004** Lux

**WDR**  
WIDE DYNAMIC RANGE

**DNR**  
DIGITAL NOISE REDUCTION

**OSD**  
ON SCREEN DISPLAY

**SENS-UP**  
SENSITIVITY ADJUSTMENT  
(LOW LIGHT ENHANCEMENT)

**DUAL POWER**

CA-BX-580 WDR / 580 TVL / 12VDC/24VAC, Dual Power / D&N

### WHAT IS WDR?

Wide Dynamic Range (WDR) Technology uses two shutter speeds in alternative video fields, high and normal, and combines these two fields into one frame. It allows every detail to be captured accurately even if one portion is bright while other portions are dark. As a result, combined fields yield a frame of high quality images. Below is a comparison of camera technologies with its video images of Regular, Backlight Compensation (BLC), and Wide Dynamic Range.

### ULTRA HIGH RESOLUTION

By adopting a double-speed 410,000 pixel Sony CCD, the camera produces clear picture quality with a horizontal resolution of 580 TV lines for color, and 600 TV lines for B/W.

### EXCELLENT SENSITIVITY

Adopting a Diagonal 6mm (1/3") high sensitive CCD and digital signal processing technology, it can clearly distinguish the outline and color of a subject in an extremely low luminance environment—even, for example, under starlight. Since surveillance is possible in places where the light is poor, the camera is appropriate for day and night surveillance outdoors or on the outside of buildings.

- 0.001 Lux (Color Sens-up Mode)
- 0.00004 Lux (B/W Sens-up Mode)
- 3DDR (3D Digital Noise Reduction)

The high performance SV-IV DSP chip dramatically reduces the gain noise in digital image processing, producing clear, sharp images in low lighting environments.

### DIS (DIGITAL IMAGE STABILIZER)

The DIS function compensates for any camera movement, to produce more stable pictures.

### DAY & NIGHT

The camera identifies whether it is day or night and automatically switches to the appropriate mode, depending on its environment. By day, the camera switches to color mode in order to maintain optimal color. At night, it switches to B/W mode so as to obtain better picture definition.

CA-BX-580	
Model	Wide Dynamic Range
Resolution	580 TV Lines
Sensor	1/3 inch SONY DS CCD
Total Pixels	811(H x 508(V) 410K pixels (NTSC) 795(H) x 595(V) 470K pixels (PAL)
Effective Pixels	768(H) x 494(V) 380K pixels (NTSC) 752(H) x 582(V) 440K pixels (PAL)
Scanning System	2:1 Interlace
Synchronization	Internal / Line Lock
Frequency	Horizontal: 15.734KHz / Vertical: 50.94Hz (NTSC) Horizontal: 15.625KHz / Vertical: 50.00Hz (PAL)
S/N (f signal)	More than 52 dB (AGC off, W/ght ON)
Video Output	CVBS: 1.0Vp-p / 75ohm
Min. Illumination	0.3Lux at F1.2 (Color) / 0.00004Lux (Sens-up x256)
White Balance	ATW / AWC / Manual Outdoor (1,600°K~10,500°K) / Indoor (4,500°K~8,500°K)
Electronic Shutter Speed	Auto / Manual (x256 - 1/60 sec - 1/120,000 sec NTSC) (x256 - 1/50 sec - 1/120,000 sec PAL) Sens-up and sens-up limit is selectable / Flickerless
Sens-Up	AUTO / Fixed / OFF (selectable limit x2 - x256)
O.S.D	Built-in
Backlight Compensation	WDR, BLC, Off Selectable
Gain Control	Low, High, Off Selectable
3DDR (3D Digital Noise Reduction)	OFF / ON (1 - 32 Level Selectable)
Day & Night	COLOR / Black & White / Auto / EXT
SYNC	INT / LL Selectable
Motion Detection	ON / OFF (8 Zone, Alarm output)
PRIVACY	ON / OFF (8 Zone)
DIS (Digital Image Stabilizer)	ON / OFF
Digital Zoom	ON (x10) / OFF
MIRROR (H-REV)	ON / OFF
FLIP (V-REV)	ON / OFF
Bleed-through Compensation	256 point (Even 128 point, Odd 128 point)
Operating Temperature / Humidity	-10°C ~ +50°C / 30% ~ 80% RH
Storage Temperature / Humidity	-20°C ~ +60°C / 20% ~ 90% RH

**EXTERNAL ADJUSTABLE  
WEATHER-RESISTANT  
BULLET CAMERA**



- 560 TV line high resolution in Color
- Weather-Resistant
- External Lens Control
- 4~9mm Zoom Lens

**CA-BU-560V-B**

The CA-BU-560V-B bullet camera provides a brilliant color resolution in almost any lighting condition. Thanks to the advanced high quality chip-set. The easy to adjust 4-9mm vari-focal lens can be focused, zoomed without the need to open the case. This makes setup a breeze. The included sun-shield and camera mounting bracket make this a complete package. The CA-BU-560V-B is a stylish camera that blends into most office environments with ease.

- 1/3" Sony Super HAD color CCD sensor
- Razor Sharp 560 TV Line High Resolution
- 0.4 Lux (Color) / 0.03 Lux (B&W)
- 12 volts DC power source, 120mA power consumption
- 4~9mm Vari-focal Lens installed (External Focus and Zoom adjustable)
- Weather-Resistant
- Mount bracket included

CA-BU-560V-B	
Lens	4~9mm Vari-focal Lens
Image Pick-Up Device	Sony 1/3 inch Super HAD CCD
Picture Elements	81188 x 508V 410K pixels
Effective Picture Elements	768(H) x 494(V) 380K pixels
Scanning Area	3.65 (H) x 2.74(V)mm
Scanning System	2 : 1 Interlace / 525 Lines / 60 Fields / 30 Frames
Resolution	560 (Color) TV Lines / 580 (B&W) TV Lines
Minimum Illumination	0.4 Lux at F1.2 (Color) / 0.03 Lux at F1.2 (B&W)
Sync. System	Internal Only
Video Output	1.0 Vp-p NTSC Comp.
Electronic Iris	1/60 - 1/120,000 sec.
Backlight Compensation	Built-in
IRIS Mode	ESC
AGC	Built-in
White Balance	ATW / AWC
Gamma	γ=0.45
SN Ratio	48dB (AGC Off)
Dimension	1.18" (H) x 3.9" (L)
Operating Temp	-10°C - 50°C (14°F - 122°F)
Power Source	DC 12V / 300mA
Power Consumption	100mA

**CA-DVR-D1-4**  
**CA-DVR-D1-8**  
**CA-DVR-D1-16**

- H.264<sup>®</sup> HIGH COMPRESSION CODEC
- REAL-TIME RECORDING ON ALL CHANNEL
- DUAL VIDEO STREAM - BLAZING FAST REMOTE VIEW
- FULL AUDIO CHANNEL
- 3 SPOT OUT
- INDIVIDUAL PROGRAMMABLE ALARM IN & OUT FOR A VIDEO CHANNEL
- JOG SHUTTLE FOR EASY PLAYBACK CONTROL
- CLIENT WORKS ON WINDOWS 7

**H.264**



HDD / Optical Drive Installation available upon request / USB Mouse Included

See Remote video on your Smart Phones



- CA-DVR-D1-4** 120 fps Display & Recording (Real-time) / 4 Ch Video H.264<sup>®</sup> CODEC / Dual Streaming / Remote View over iPhone / 4Ch Audio / 4Ch Alarm-In & Out
- CA-DVR-D1-8** 240 fps Display & Recording (Real-time) / 8 Ch Video H.264<sup>®</sup> CODEC / Dual Streaming / Remote View over iPhone / 8Ch Audio / 8Ch Alarm-In & Out
- CA-DVR-D1-16** 480 fps Display & Recording (Real-time) / 16 Ch Video H.264<sup>®</sup> CODEC / Dual Streaming / Remote View over iPhone / 16Ch Audio / 16Ch Alarm-In & Out

H.264<sup>®</sup> contains a number of new features that allow it to compress video much effectively than older standards and to provide more flexibility for application to a wide variety of network environments. H.264<sup>®</sup> is the latest and more advanced video standard developed jointly by ITU and MPEG<sup>®</sup>. It is also known as MPEG-4<sup>®</sup> Part 10, or MPEG-4<sup>®</sup> AVC.

Dual video stream both for network transmission and recording offers more flexible monitoring environment on various network conditions.

- Pentaplex Operation (Live / Recording / Playback / Network / Backup)
- CMS (Central Monitoring Station) / Web-Client Support
- H.264<sup>®</sup> Hardware compression (High Quality video)
- Static IP / DHCP / DDNS Support
- Archiving (EXE / JPEG Format)
- USB Mouse / USB Stick Memory (Front 2x, Rear 2x)
- Software Upgrade via network, USB Port, DVD-RW
- Keyboard Controller, Various PTZ Protocol Support
- Audio Recording and playback (2 way Audio conference)
- VGA Monitor Support
- NTP (Network Time Protocol)
- User-friendly Server GUI & Front Design Embedded Linux OS
- E-mail notification (Video Clip, Still Image, Message)
- WCS (Watermark Check System)
- IR Remote Controller
- POS / ATM
- Mobile Viewer (Windows<sup>®</sup> Mobile 6.1 or higher / iPhone<sup>®</sup>)
- E-Map Function Support

	CA-DVR-D1-4	CA-DVR-D1-8	CA-DVR-D1-16
Compression	H.264 (Main Profile)		
Signal Format	NTSC or PAL (Auto Selected)		
Video Input	Composite 4 BNC Inputs	Composite 8 BNC Inputs	Composite 16 BNC Inputs
Video Output	Composite: 1 (TV-p, 75 Ohm)		
Loop Output	4 BNC Loop-out	8 BNC Loop-out	16 BNC Loop-out
Spot Output	3 BNC		
VGA Output	1 VGA		
Max Rec. Rate at CIF	120 (NTSC) FPS 100 (PAL) FPS	240 (NTSC) FPS 200 (PAL) FPS	480 (NTSC) FPS 400 (PAL) FPS
Max Rec. Rate at HD1	120 (NTSC) FPS 100 (PAL) FPS	120 (NTSC) FPS 100 (PAL) FPS	240 (NTSC) FPS 200 (PAL) FPS
Max Rec. Rate at Full D1	60 (NTSC) FPS 50 (PAL) FPS	60 (NTSC) FPS 50 (PAL) FPS	120 (NTSC) FPS 100 (PAL) FPS
Dual Stream	Dual		
Audio Input	4 Inputs (RCA Jack)	8 Inputs (RCA Jack)	16 Inputs (RCA Jack)
Audio Output	1 Output (RCA Jack)		
Ethernet	10 / 100Mbps Ethernet (RJ-45)		
PTZ Control	RS-485/422 Serial Port 1 (Terminal Block)		
Alarm / POS	Up to 4 Channels Over USB		
Alarm Input	4 (TTL) = NC/ND	8 (TTL) = NC/ND	16 (TTL) = NC/ND
Alarm Output	4 (TTL) = NC/ND	8 (TTL) = NC/ND	16 (TTL) = NC/ND
USB Port	4 x USB (2 x Front Panel, 2 x Rear Panel)		
Recording Qualities	Super / High / Standard		
Recording Modes	Continuous / Alarm / Motion / Emergency		
Pre-Alarm Recording	Up to 3 Hours / User Programmable		
Motion Detection	Yes (22 X 15)		
Playback Speed	XT, X2, X4, X8, X16, X32, X64, Extreme		
Archive File Format	EXE (Video Clip) / JPEG (Still Image)		
NTP Server	Yes		
GMT Time Zone	Yes		
Auto DST	Yes		
Multi Language	English / Danish / Chinese (Traditional) / Japanese / Korean / Italian / Polish / Russian / Chinese (Simplified) / Thai / Turkish / Spanish / French / Czech / German / Persian / Portuguese / Croatian		
Operating System	Embedded Linux		
OS Firmware	Linux OS in Flash Memory		
Emergency Recording Key	Yes		
Primary Storage	SATA Hard Disk Drive (up to 3+1 or 4+0)		
Clip Copy Storage	Built-in Internal DVD-RW, Memory Stick		
Dimension (WxHxD)	430 mm x 88 mm x 390 mm / 16.93 inch x 3.46 inch x 14.96 inch		
Operating Temperature	5°C - 40°C / 41°F - 104°F		
Operating Humidity	0% - 90%		
Power Adapter	Free Voltage 12VDC, 5A		
Power Consumption	Max 3/W		
Agency Approval	FCC / CE		



**650 TVL**  
**0.002 LUX**

**NEW**  
**3-AXIS**  
**DOME DESIGN**

- High Quality Dome Camera for Special Installation
- Single Scan Wide Dynamic Range (WDR)
- 650 TV Line High Resolution
- Intensified Low Light : Sens-up
- 3DDNR - 3D Digital Noise Reduction
- Easy Flip Open Cover
- High Light Masking
- Service Video-out
- Dual Power (DO & 14V)

DOME CASE AVAILABLE IN WHITE

**EASY INSTALL**  
**STYLISH**  
**DOME MOUNT**



**CA-DM-650V-W**  
650TVL / Single Scan WDR / 3D DNR / HLM / SENS-UP / DC 12V  
2.8-12mm Auto-Iris Vari-focal Lens / Superdome® Large Case  
Dual Power DC 12V or AC 24V

## CA-DM-650V-W



### 650 TV LINE

The camera is powered by HERO chip-set that is embodied the top grade of the world at 650 TVL resolution be own image signal technology which is to change the frequency of luminance signal adaptively by a monitoring sector.

### WIDE DYNAMIC RANGE (WDR)

Realize the improved backlight compensation function more than existed WDR with fusion ratio of the optimum by pixel, when they composite both a shutter of high speed at the light area and the shutter of low speed at the dark area.

### 0.002 LUX SENS-UP INTENSIFIED LOW LIGHT AND 3DDNR (3D DIGITAL NOISE REDUCTION)

SENS-UP feature allows for impressive 0.002 low light lux rating which leads to superb night time performance ability. In addition, improved S/N ratio 50dB and more sharp and noiseless low light image quality provided by built-in noise reduction (3DDNR: 3D Digital Noise Reduction) function.

### HLM : HIGH LIGHT MASKING

HLM (High Light Masking) Function is being prevented against headlights of vehicle effectively. It is the most suitable function to see license plates at night.

	CA-DM-650V-W	
Lens	2.8-12mm Auto-Iris Vari-focal	3.6mm Fixed
Auto IR-Cut Filter Removal (ICR)	No	
Resolution	650 TV Line (COLOR)	
Sensor	Sony 1/3 inch Super HAD II CCD	
Total Pixels	811(H) x 508(V) 410K Pixel	
Effective Pixels	768(H) x 494(V) 380K Pixel	
Scanning System	2:1 Interface	
Synchronization	Internal	
Frequency	Horizontal : 15.734KHz / Vertical : 59.94Hz	
S/N (f signal)	More than 50 dB (AGC off)	
Video Output	CVBS : 1.0Vp-p / 75 ohm	
Min. Illumination	0.3 Lux at F1.2 (color) / 0.002 Lux (Sens-up)	
White Balance	ATW / AWC / Push / Manual	
Electronic Shutter Speed	Auto / Manual 1/60 sec ~ 1/120,000 sec (NTSC)	
O.S.D	Built-in	
Backlight Compensation (BLC)	Low / Middle / High / HLM / Off Selectable	
Gain Control	Low / Middle / High / Off Selectable	
3D DNR (3D Digital Noise Reduction)	Low / Middle / High / Off Selectable	
WDR (Long and short exposure)	On / Off	
Sens-up	x2 ~ x256 / Off	
Day & Night	Auto / COLOR / BW / CDS	
Privacy Mask	On / Off (6 Zone)	
Motion detection	On / Off	
Mirror	Mirror / V-Flip / Rotate / Off	
Sync	Internal / Auto	
Operating Temperature / Humidity	-10°C ~ +40°C (14°F ~ 104°F) / 30% ~ 80% RH	
Storage Temperature / Humidity	-20°C ~ +60°C (-4°F ~ 140°F) / 20% ~ 90% RH	
Power	DC 12V (DO 612L / DO 612V / DO 612M) DC 12V / AC 24V (DO 614V)	
Casing / Dimensions	Large : 5.5"(D) x 4.0"(H) (DO 612L / DO 612V / DO 614V) Medium : 5.0"(D) x 3.5"(H) (DO 612M)	



**700** TVL  
**80** FEET RANGE

**Effio-E™**  
**DSP CHIPSET**  
960H HIGH-RES VIDEO

The "Effio-E" System adopts a new process technology generation. The "Effio-E" System provides an ATR (adaptive tone reproduction) function that improves contrast in bright/dark areas and a HLC (highlight compensation) function that suppresses strong headlights of night and improves visibility to provide clear images with superb picture quality.

- ExView HAD II CCD
- High Quality Dome Camera for Special Installation
- ATR (Adaptive Tone Reproduction)
- On Screen Display Menu
- 2DDNR - Digital Noise Reduction
- High Light Compensation
- Dual Power (110 & 230V)

**4-AXIS**  
**DOME DESIGN**

**EASY INSTALL**  
**STYLISH**  
**DOME MOUNT**

**CA-DM-700V-IR80-W**  
700TVL / Sony Effio-E DSP chipset / ExView HAD II CCD / 4-Axis / 3.5 IR range up to 80ft / 2.8-12mm Auto-iris Vari-focal Lens / 2D DNR / HLC / DC 12V / AC 24V

## CA-DM-700V-IR80-W



### 700 TV LINE

The camera is powered by Sony Effio-E chipset that is embodied the top grade of the world at 700 TVL resolution be own image signal technology which is to change the frequency of luminance signal adaptively by a monitoring sector.



### 2DDNR (2D DIGITAL NOISE REDUCTION)

Reduces the image noise in order to improve the image quality of the camera, in particular, it reduces the noise which is generated under low-brightness shooting conditions and other high-gain states.



### HLC : HIGH LIGHT COMPENSATION

Improves the visual recognition of license plates and other such objects by suppressing of masking strong light sources (such as the headlights of automobiles) in dark places.



### ADAPTIVE TONE REPRODUCTION

ATR improves the visibility of the entire picture by providing the optimum gradation compensation.

CA-DM-700V-IR80-W	
Lens	2.8-12mm Auto-Iris Vari-focal lens with External Control
Resolution	700 TV Line
Sensor	Sony 1/3 inch ExView HAD II
Total Pixels	1020(H) x 508(V) 480K Pixel
Effective Pixels	976(H) x 494(V) 520K Pixel
Scanning System	2:1 Interlace
Synchronization	Internal
Frequency	Horizontal : 15.734KHz / Vertical : 59.94Hz
S/N (f signal)	More than 52 dB (AGC off)
Video Output	CVBS : 1.0Vp-p / 75Ω
Min. Illumination	0.1 Lux at F1.2 / 0 Lux (with IR On)
White Balance	ATW / PUSH / USER1 / USER2 / ANTI CR / Manual / PUSH-LOCK
Electronic Shutter Speed	Auto / Manual / 1/60 sec ~ 1/100,000 sec (NTSC)
OSD	Built-in
Backlight Compensation (BLC)	BLC / HLC / OFF Selectable
Adaptive Tone Reproduction	ON / OFF (Level Adjustable)
2D DNR (2D Digital Noise Reduction)	ON / OFF (Level Adjustable)
Day & Night	Auto / COLOR / B&W
Privacy Mask	On / Off (8 Zone) w/ motion on : 4 zone
Motion detection	On / Off (4 Zone)
Image Conversion	On / Off
Operating Temperature / Humidity	-10°C ~ +50°C (14°F ~ 122°F) / 30% ~ 80% RH
Storage Temperature / Humidity	-20°C ~ +60°C (-4°F ~ 140°F) / 20% ~ 90% RH
Power	AC 24V or DC 12V   DC 12V
Dimensions	Superdome® IR Case / 5.5"(D) x 4.3"(H)

## Vandal-Resistant Metal Body



**580** TVL  
HIGH RESOLUTION  
**75** FEET  
IR RANGE

*Focus/Zoom Lens  
w/o opening the enclosure*

- **580 TV Line High Resolution** (B/W model)
- **2.9mm, 3.6mm or 6mm Fixed Lens** (IB 5624)
- **2.8–12mm External Adjustable Lens** (IB 5632MV & IB 5632V)
- **Auto-Iris Vari-focal Lens** (IB 5632V)
- **24 IR up to 60ft Range** (IB 5624)
- **32 IR up to 75ft Range** (IB 5632MV & IB 5632V)
- **3-Axis Construction**

## CA-BA-580V-IR75-VAN

### 3-AXIS CAMERA CONSTRUCTION

Where most dome cameras are 2-Axis, the 3-Axis feature included in these models also insures that you can maneuver the camera at an angle that would be most beneficial when viewing images from these cameras.

### EXTERNAL LENS CONTROL

External lens control screws on the camera make installation and setting up the camera easier. The included 2.8–12mm vari-focal lens and 3-axis construction gives you the best shot at any angle.

### VANDAL-RESISTANT CASE

The poly-carbonated impact resistant dome can withstand repeated blows from a 10-pound hammer and not break. They are perfect for prisons, banks, military installations and other high risk areas.

- 1/3 inch SONY Super HAD CCD
- 2.9 / 3.6 / 6.0mm Fixed Lens (IB 5624)
- External Adjustable 4–9mm Vari-focal Zoom Lens - IR Corrected (IB 5632MV / IB 5632V)
- Auto-iris vari-focal Lens (IB 5632V)
- 560 TV Line in Color
- 60ft Infrared Range / 24 IR LED (IB 5624)
- 75ft Infrared Range / 32 IR LED (IB 5632V / IB 5632MV)
- Weather-Resistant, ideal for outdoor use
- Auto White Balance (AWB) / Back Light Compensation (BLC) / Auto Gain Control (AGC)
- DC 12V / 1700mA Recommended

CA-BA-580V-IR75-VAN			
Resolution	560(Color) / 580(B/W) TV Lines Horizontally		
Image Pick-up Device	Sony 1/3 inch Super HAD CCD with NEXT process chip		
Picture Elements	811(H) x 508(V) 410K pixels		
Effective Picture Elements	768(H) x 494(V) 380K pixels		
Scanning Area	3.65(H) x 2.74(V) mm		
Scanning System	2:1 Interlace / 525 Lines / 60 Fields / 30 Frames		
Iris Mode	ESC		
Lens	IB 5632V IB 5632MV IB 5624	2.8–12mm Auto-iris Vari-focal Lens with External Control 2.8–12mm Vari-focal Lens with External Control 2.9 / 3.6 / 6mm Fixed Lens	
Minimum Illumination	0.3 Lux at F1.2 / 0 Lux (IR On)		
Sync. System	Internal Only		
Video Output	1.0 Vp-p Comp. 75Ω		
Electronic Iris	1/60 sec. – 1/100,000 sec		
Backlight Compensation	Built-in		
Gain Control	Auto		
White Balance	AWB		
Day & Night	Auto		
IR LED	IB 5632V IB 5632MV IB 5624	32 IR LED 32 IR LED 24 IR LED	up to 75ft up to 75ft up to 60ft
Gamma	γ=0.45		
S/N Ratio	50dB (AGC Off, Fight On)		
Operating Temp.	14F – 122F		
Power Source	DC 12V		
Power Consumption (Recommendation)	IB 5632V IB 5632MV IB 5624	150mA (IR LED off) / 1700mA (IR LED On, Max.) 150mA (IR LED off) / 1700mA (IR LED On, Max.) 120mA (IR LED off) / 1500mA (IR LED On, Max.)	
Dimensions	IB 5632V / IB 5632MV : 5.0"(H) x 4.0"(H) Metal Case IB 5624 : 3.5"(H) x 3.0"(H) Metal Case		

Ultra High Resolution with  
Auto-Iris Vari-focal Lens



**600** TVL  
75 FEET RANGE

Focus/Zoom Lens  
w/o opening the enclosure

- 600 TV Line High Resolution at night
- 2.8~12mm External Adjustable Auto-Iris Vari-focal Lens (iB 5832V)
- 32 IR up to 75ft Range
- 3-AXIS Construction

## CA-BA-600V-IR75-VAN

### 3-AXIS CAMERA CONSTRUCTION

Where most dome cameras are 2-Axis, the 3-Axis feature included in these models also insures that you can maneuver the camera at an angle that would be most beneficial when viewing images from these cameras.

### EXTERNAL LENS CONTROL

External lens control screws on the camera make installation and setting up the camera easier. The included 2.8~12mm Vari-focal lens and 3-axis construction gives you the best shot at any angle.

### LOW CEILING INSTALLATION. NO PROBLEM

With its unique design, there is no trouble to angle the camera straight-forward on low ceiling. This cannot be done with ordinary dome camera.

### VANDAL-RESISTANT CASE

The poly-carbonated impact resistant dome can withstand repeated blows from a 10-pound hammer and not break. They are perfect for prisons, banks, military installations and other high risk areas.

- 1/3 inch SONY Super HAD CCD
- External adjustable 2.8~12mm vari-focal lens - IR corrected
- Auto-iris vari-focal lens (iB 5832V)
- 580 TV Line in color / 600 TV Line in B/W
- 75ft Infrared range / 32 IR LED
- Weather-resistant, ideal for outdoor use
- Auto White Balance (AWB) / Back Light Compensation (BLC) / Auto Gain Control (AGC)
- DC 12V / 1700mA Recommended

	CA-BA-600V-IR75-VAN
Resolution	580(Color) / 600(B/W) TV Lines Horizontally
Image Pick-up Device	Sony 1/3 inch Super HAD CCD
Picture Elements	811(H) x 508(V) 410K pixels
Effective Picture Elements	768(H) x 404(V) 380K pixels
Scanning Area	3.65(H) x 2.74(V) mm
Scanning System	2:1 Interface/ 525 Lines / 60 Fields / 30 Frames
Iris Mode	ESC
Lens	2.8~12mm Vari-focal lens with External Control
Auto-Iris	Yes   No
Minimum Illumination	0.3 Lux at F1.2 / 0 Lux (IR On)
Sync. System	Internal Only
Video Output	1.0 Vp-p Comp. 75Ω
Electronic Iris	1/60 sec. ~ 1/120,000 sec.
Backlight Compensation	Built-in
Gain Control	Auto
White Balance	AWB
Day & Night	Auto
IR LED	32 IR LED up to 75ft
Gamma	γ=0.45
S/N Ratio	50dB (AGC Off, Eight On)
Operating Temp.	14F ~ 122F
Power Source	DC 12V
Power Consumption (Recommendation)	150mA (IR LED off) / 1700mA (IR LED On, Max.)
Dimensions	5.0"(D) x 4.0"(H) Metal Case



**WDR**  
WIDE DYNAMIC RANGE

High Speed Shutter      Slow Frame Shutter

**600** TVL  
**150** IR RANGE FEET

READY FOR ROUGH WEATHER

EXTERNAL LENS CONTROL

CABLE THRU BRACKET

**3DDNR - Digital Noise Reduction**  
IR Range up to 150 feet with 77 IR LED

## CA-BU-600V-IR150

### WIDE DYNAMIC RANGE (WDR)

By adopting a proprietary 5V-IV DSP chip, the camera delivers clear, high quality pictures even in backlight, by increasing exposure in dark areas while decreasing it in bright areas; a corrected image with clear details results.

### AUTO FILTER CHANGE

At daytime, IR light is filtered away in the camera by the IR-cut filter in order to render color images that humans are used to. When light conditions are too dark to render color images, the IR-cut filter is automatically removed to enable the camera to make use of the IR light to produce a high quality black & white video.

### EXTERNAL LENS CONTROL

External lens control knobs on back of the camera make installation and setting up the camera easier. The included 2.8-12mm Auto-Iris Lens and adjustable mount gives you the best shot at any angle.

### 3DDNR (3D DIGITAL NOISE REDUCTION)

The high performance 5V-IV DSP chip dramatically reduces the gain noise in digital image processing, producing clear, sharp images in low lighting environments.

- Wide Dynamic Range
- High sensitivity 1/3" Color CCD
- Auto Vari-focal Lens (2.8-12mm)
- External Focus control
- Cable through Bracket
- Day & Night Function
- High Resolution
- 0 Lux at IR LED On (77pcs)
- Automatic Black Light Compensation

CA-BU-600V-IR150	
Resolution	580/Color / 600(B/W) TV Lines Horizontally
Sensor	1/3 inch SONY DS CCD
Total Pixels	811(H) x 508(V) 410K pixels (NTSC)
Effective Pixels	768(H) x 494(V) 380K pixels (NTSC)
Scanning System	2:1 Interlace
Synchronization	Internal / Line Lock
Frequency	Horizontal: 15.734KHz / Vertical: 50.94Hz
SN (f signal)	More than 52 dB (AGC off, Weight ON)
Video Output	CBVS: 1.0Vp-p / 75ohm
Min. Illumination	0.3 Lux at F1.2 (Color) / 0.00004 Lux (Sens-up x256) / 0 Lux at IR on
White Balance	ATW / AWC / Manual Outdoor (1,800°K - 10,500°K) / Indoor (4,500°K - 8,500°K)
Electronic shutter speed	Auto / Manual (x256 - 1/60sec - 1/120,000sec) Sens-up and auto-up limit is selectable / Flickerless
Sens-Up	AUTO / FIXED / OFF (selectable limit x2 - x256)
O.S.D	Built-in
Backlight Compensation	WDR, BLC, Off Selectable
Gain Control	Low, High, Off Selectable
3DDNR	OFF / ON (1 - 32 Level Selectable) (3D Digital Noise Reduction)
Day & Night	COLOR / Black & White / Auto / EXT
SYNC	INT / LL Selectable
Motion Detection	ON / OFF (8 Zone, Alarm output)
PRIVACY	ON / OFF (8 Zone)
DIS	ON / OFF (Digital Image Stabilizer)
Digital Zoom	ON (x10) / OFF
MIRROR (H-REV)	ON / OFF
FLIP (V-REV)	ON / OFF
Bernish Compensation	256 point (Even 128 point, 000 128 point)
Operating Temperature / Humidity	-10°C - +50°C / 30% - 80% RH
Storage Temperature / Humidity	-20°C - +80°C / 20% - 90% RH

**Long Distance IR Camera with SDNR Function**

**DUAL POWER**

**READY FOR ROUGH WEATHER**

**COLOR 600 TVL**  
**250 IR RANGE FEET**

**CABLE THRU BRACKET**

**Easy Install Bracket**

- Built to last long
- Not exposing camera wiring out of closure clean and professional installation look
- Weather-resistant / Sun visor
- 5~50mm telephoto externally adjustable angle

The CA-BU-600V-IR250 is one of the longest-range infrared bullet cameras found anywhere. The camera gives you 600 razor sharp lines of color resolution for a clear and crisp picture. The 5.0-50mm auto-iris lens and external adjustable focus and zoom control helps you to get the best shot at any angle. With the 15 piece high power infrared LED, you get 0.0 low lux light ability and an IR range up to 250ft in the night. This camera operated efficiently on 12VDC/2VAC 1500mA of power or higher. The included sturdy hidden cable metal mounting bracket makes setup quick and easy.

- 1/3" Sony Super HAD CCD
- Crystal Clear - 600 (day) / 630 (night) TV (H) lines
- See from a distance in total darkness  
0.1 Lux at F1.2 / 0 Lux (IR on)
- 10 high power IR LED cover up to 250 feet
- 12 volts DC Power or 24 volts AC Power source, 1500mA power recommended
- Weatherproof, ideal for outdoor use
- Hidden Cable Mount bracket included
- 5~50mm DC Auto-Iris Vari-focal externally adjustable Lens Installed
- Auto White Balance (AWB) / Back Light Compensation (BLC) / Auto Gain Control (AGC)

## CA-BU-600V-IR250

	CA-BU-600V-IR250
Image Pick-up Device	1/3" Sony Super HAD CCD
TV System	NTSC
Number of Pixels	768(H) x 494(V) 410k Pixels
Scanning System	2:1 Interlace
Sync System	Internal Sync
Resolution	600 TV Lines
Minimum Illumination	0.1 Lux (CDS OFF) / 0 Lux (CDS ON)
S/N Ratio	More than 46dB
CDS Sensor	Photoconductive cells 10 Lux Resistorless 5~10k Ω
IR LED	15 High Power IR LED
IR Distance	250ft
Gamma Characteristic	0.45
Video Output	CVBS ± 1.0Vp-p 75Ω
Electronic Shutter Time	NTSC ± 1/60 ~ 1/100,000 sec
Power Supply	AC 24V/DC 12V Dual Voltage
Power Consumption	1500mA Max (CDS ON)
Lens	DC Auto-Iris Vari-focal Lens (5~50mm)
Operational Temp.	-14F ~ 122F RH 95% Max
Storage Temp.	-4°C ~ 140°C RH 95% Max
Dimension	4.0"(H) x 5.3"(W) x 11.4"(D)
Weight	4.4 lbs ( 70 Oz)



**700 COLOR TVL**  
**80 FT RANGE**

**Effio-E™**  
**DSP CHIPSET**  
960H HIGH-RES VIDEO

The "Effio-E" System adopts a new process technology generation. The "Effio-E" System provides an ATR (adaptive tone reproduction) function that improves contrast in bright/dark areas and a HLC (highlight compensation) function that suppresses strong headlights at night and improves visibility to provide clear images with superb picture quality.

- ExView HAD II CCD
- High Quality Dome Camera for Special Installation
- ATR (Adaptive Tone Reproduction)
- On Screen Display Menu
- 2DDNR - Digital Noise Reduction
- High Light Compensation
- 35 IR up to 80ft Range
- 4-Axis Easy Angle Adjustment
- Dual Power<sup>1</sup>(IT 6339V)

**4-AXIS DOME DESIGN**



Can yours survive?



**IP68 CERTIFIED**

**EASY INSTALL CLIP-ON DOME MOUNT**



**CA-DM-700V-IR80-VAN**  
DC 12V or AC 24V / 700TVL / 2D DNR / HLC / 2.8-12mm AVF Lens  
35 IR range up to 80ft / Storm® IR Large IP68 Dome

## Have a Better Eye for your Security



### 700 TV LINE

The camera is powered by Sony Effio-E chipset that is embodied the top grade of the world at 700 TVL resolution which is own image signal technology which is to change the frequency of luminance signal adaptively by a monitoring sector.



### 2DDNR (2D DIGITAL NOISE REDUCTION)

Reduces the image noise in order to improve the image quality of the camera, in particular, it reduces the noise which is generated under low-brightness shooting conditions and other high-gain states.



### HLC : HIGH LIGHT COMPENSATION

Improves the visual recognition of license plates and other such objects by suppressing of masking strong light sources (such as the headlights of automobiles) in dark places.



### ADAPTIVE TONE REPRODUCTION

ATR improves the visibility of the entire picture by providing the optimum gradation compensation.

## CA-DM-700V-IR80-VAN

### 2 Mega Pixel Weather-Proof IR Network Camera

	CA-DM-700V-IR80-VAN
Lens	2.8-12mm Auto-Iris Varifocal Lens
Auto IR-Cut Filter Removal (ICR)	No
Resolution	700 TV Line
Sensor	1/3 inch SONY EXVIEW HAD CCD II <sup>®</sup>
Total Pixels	1020(H) x 508(V) 520K Pixel
Effective Pixels	976(H) x 494(V) 480K Pixel
Scanning System	2:1 Interface
Frequency	Horizontal : 15.734KHz / Vertical : 50.94Hz
SN (f signal)	More than 52 dB (AGC off)
Video Output	CVBS : 1.0Vp-p / 75 ohm
Min. Illumination	0 Lux with IR ON
White Balance	ATW / PUSH / USER1 / UESR2 / ANTI CR / MANUAL / PUSH-LOCK
Electronic Shutter Speed	Auto / Manual (1/60 sec ~ 1/210,000 sec (NTSC))
O.S.D	Built-in
Backlight Compensation	OFF / BLC / HLC Selectable
ATR	ON / OFF (Level Adjustable)
2DDNR (2D Digital Noise Reduction)	ON / OFF (Level Adjustable)
Day & Night	AUTO (Day <-> Night time Change) , COLOR , B/W
Privacy Mask	OFF / ON (8 Zone) (Motion ON : 4 Zone)
Motion detection	OFF / ON (4 Zone)
Image Conversion	ON / OFF
Operating Temperature / Humidity	-10°C~+50°C (14°F ~ 122°F) / 30% ~ 80% RH
Storage Temperature / Humidity	-20°C~+60°C (-4°F ~ 140°F) / 20% ~ 90% RH
Power	DC 12V or AC 24V [ DC 12V
Casing / Dimensions	Storm® IR IP68 Case / 5.7"(Ø) x 4.6"(H)

**TWIST & LOCK  
ON BRACKET**

## EASY CAMERA INSTALLATION



**620** TVL

**80** FEET

- High Quality Dome Camera for Special Installation
- 35 IR up to 80ft Range
- 4-Axis Easy Angle Adjustment
- Dual Power (1T 6032V)

**4-AXIS  
DOME DESIGN**



Can yours  
survive?



**IP68  
CERTIFIED**

**EASY INSTALL  
CLIP-ON  
DOME MOUNT**



**CA-DM-620V-IR80-VAN**

620 TVL / SDNR / OSD / 4-Axis / 35 IR range up to 80ft  
2.8-12mm AVF Lens / DC 12V or AC 24V

## CA-DM-620V-IR80-VAN

The camera is powered by NEXT chip-set that is embodied the top grade of the world at 620 TVL resolution be own image signal technology which is to change the frequency of luminance signal adaptively by a monitoring sector.

### OSD CAMERA SETUP

The camera has a small program built-in to the camera to help users to setup the camera function without difficulties. No more reading a manual and tipping dip-switches to configure the camera.

### VANDAL-RESISTANT CASE

The poly-carbonated impact resistant dome can withstand repeated blows from a 10-pound hammer and not break. They are perfect for prisons, banks, military installations and other high risk areas.

### 4-AXIS DOME CONSTRUCTION

Accompanying with 4-Axis construction, the Dome camera can be rotated, shifted horizontally or vertically, and even IR rings can be rotated so you can position the camera to get the pictures you need.

- Complete water-proof Camera (IP68 Rating)
- Twist & Lock Easy Installation
- Easy adjust focus and zoom with lens (IR part can be detached to reveal for lens access)
- 4 Axis Construction : Easy to angle the IR + Easy Lens Access
- Vandal-Resistant Case
- 1/3" Sony Super HAD II CCD
- Day & Night - Sensitivity is increased during night time
- 35 IR range up to 80ft
- High Resolution - 620 (H) TV Line (Color)
- Minimum Illumination - 0 Lux (w/ IR On)
- DC 12V (IF 6035V)
- Dual Power : AC 24V or DC 12V (IF 6032V)
- 2.8-12mm Auto-Iris Vari-focal Lens Installed
- OSD - On Screen Display - Easy camera setup
- 2D-DNR (2D Digital Noise Reduction) / Day & Night
- Auto White Balance (AWB) / Back Light Compensation (BLC) / Auto Gain Control (AGC)

CA-DM-620V-IR80-VAN	
Resolution	620(Color) TV Lines Horizontally
Sensor	Sony 1/3 inch Super HAD CCD II
Total Pixels	811(H) x 508(V) 410K pixels
Effective Pixels	768(H) x 494(V) 380K pixels
Scanning System	2:1 Interface
S/N (f signal)	More than 50 dB (AGC Off)
Frequency	Horizontal: 15.734KHz / Vertical: 59.94Hz
Video Output	CVBS: 1.0Vp-p / 75ohm
Min. Illumination	0 Lux at IR On
White Balance	ATW1 / ATW2 / AWC = SET / MANUAL Adjustable
Electronic shutter speed	AUTO / MANUAL (1/60sec ~ 1/100,000sec)
O.S.D	Built-in
Backlight Compensation	OFF / BLC / HLC Selectable
AGC (Auto Gain Control)	LOW, MIDDLE, HIGH, OFF Selectable
2DNR (2D Digital Noise Reduction)	ON / OFF
Day & Night	AUTO / COLOR / BW / EXT
Privacy Mask	On / Off (8 Zone)
Motion detection	OFF / ON (Motion size : 28 x 15, 4 AREA)
Image Conversion	ON / OFF
Sharpness	Adjustable
Operating Temp. / Humidity	-10°C ~ +50°C(14°F ~ 122°F) / 30% ~ 80% RH
Storage Temp. / Humidity	-20°C ~ +60°C(-4°F ~ 140°F) / 20% ~ 90% RH
Power	24VAC or 12VDC Dual Power   12VDC
Dimensions	Storm® IR IP68 Case / 5.7"(D) x 4.6"(H)

**WDR**  
WIDE DYNAMIC RANGE

High Speed Shutter    Slow Speed Shutter

**NEW**  
**3-AXIS**  
**DOME DESIGN**

**600 TVL**  
**0.002 LUX**

Service Video-Out  
Easy Flip Cover  
3DDNR - Digital Noise Reduction  
3-Axis Easy Angle Adjustment

- High Quality Dome Camera for Special Installation
- Wide Dynamic Range (WDR)
- 580 TV Line High Resolution
- Color Image at Night
- 3DDNR - 3D Digital Noise Reduction
- Auto Filter Change
- DC 12V or AC 24V Dual Power

## CA-DM-580V-W

### WIDE DYNAMIC RANGE (WDR)

SS-1 DSP chip allows the camera to find the best picture conditions in any environment and automatically gives a necessary light level compensation, so you can always obtain the clear picture, the final detail and perfect light contrast.

### AUTO FILTER CHANGE

All daytime IR light is filtered away in the camera by the IR-cut filter in order to render color images that humans are used to. When light conditions are too dark to render color images, the IR cut filter is automatically removed to enable the camera to make use of all the IR light to produce a high quality black and white video.

### 0.00004 LUX SENS-UP LOW LIGHT ENHANCEMENT AND 3DDNR (3D DIGITAL NOISE REDUCTION)

The SENS-UP feature of the camera series allow for an impressive 0.00004 low light lux rating which leads to their superb night time performance ability. In addition, the noise reduction (3DDNR 3D Digital Noise Reduction) function helps to improve the total DVR recording time up to 30%.

- 1/3" Sony Double Scan CCD
- 2.8-12mm Auto-Iris Vari-focal Lens
- 580(H) TV Line (Color) Crystal Clear Ultra High Resolution
- 0.3 Lux at F1.2 (Color) / 0.00004 Lux (Sens-up x256)
- OSD (On Screen Display) Easy camera setup
- 3D Digital Noise Reduction (3DDNR) : Improve the total DVR recording time up to 30%
- DC 12V / AC 24V Dual Power
- Auto White Balance (AWB) / Back Light Compensation (BLC) / Auto Gain Control (AGC)

CA-DM-580V-W	
Lens	2.8-12mm Auto-Iris Lens Vari-Focal Lens
CCD Sensor	1/3 inch Sony Double Scan CCD with Samsung Chipset
Total Pixels	811(H) x 508(V) 410K Pixel
Effective Pixels	768(H) x 494(V) 380K Pixel
Scanning System	2-1 Interlace
Synchronization	Internal / Line Lock
O.S.D	Available
Dynamic Range	52dB(x128)
Backlight	WDR / BLC / OFF Selectable
Resolution	580 TV Lines
S/N (w signal)	52 dB (AGC ON, Weight ON)
Min. Illumination	0.3 Lux at F1.2 (Color) / 0.00004 Lux (Sens-up x256)
White Balance	AWB / AWC / Manual / Outdoor (1,800°K - 10,500°K) / Indoor (4,500°K - 8,500°K)
Electronic shutter speed	1/60 sec. - 1/120,000 sec.
Sens-up	AUTO / FIXED / OFF (selectable limit x2 - x256)
Gain Control	LOW, HIGH, OFF (selectable)
3DDNR	OFF / ON (0 - 32 Level Adjustable)
Motion Detection	ON / OFF (8 Zone, ALARM Output)
Privacy	ON / OFF (8 Zone)
Night(1-REV) / FLIP(1-REV) / Freeze	ON / OFF
Sharpness	ON / OFF (Level Adjustable)
D&N Selection	COLOR / Black & White / AUTO / EXT.
DIS	ON / OFF
Digital Zoom	ON(x10) / OFF
Blemish Compensation	256 point (Even 128 Point, Odd 128 Point)
Lens	DC / VIDEO
Operating Temperature	-10°C - +50°C (14°F - 122°F) / 30% - 80% RH
Storage Temperature	-20°C - +60°C (-4°F - 140°F) / 20% - 90% RH
Power	DC 12V / AC 24V

**Easy Adjustable IR Dome Camera**



**EASY CAMERA INSTALLATION**



**580 HIGH TVL RANGE 80 FEET**

**NEW 4-AXIS DOME DESIGN**

**4-Axis Easy Angle Adjustment Service Video-Out On Screen Display Menu**



## CA-DM-580V-IR80

### OSD CAMERA SETUP

The CA-DM-580V-IR80 camera has a small program built into the camera to help users to setup the camera functions without difficulties. No more reading a manual and tipping dip-switches to configure the camera.

### 4-AXIS DOME CONSTRUCTION

Accompanying with 4-Axis construction, the dome camera can be rotated, shifted horizontally or vertically, and even IR rings can be rotated so you can position the camera to get the pictures you need.

- Easy Installation
- Easy adjust focus and zoom with lens (IR part can be detached to reveal for lens access)
- 4 Axis Construction : Easy to angle the IR + Easy Lens Access
- 1/3" Sony Super HAD color CCD sensor
- Day & Night - Sensitivity is increased during night time
- 35 IR range up to 80ft
- High Resolution - 560 (H) TV Line (Color) / 580 (H) TV Line (B/W)
- Minimum Illumination - 0.4 Lux (Color) / 0 Lux (B&W)
- DC 12V
- 2.8-12mm Auto-Iris Vari-focal Lens Installed
- OSD (On Screen Display) - Easy camera setup
- Auto White Balance (AWB) / Back Light Compensation (BLC) / Auto Gain Control (AGC)

CA-DM-580V-IR80	
Resolution	560(Color) / 580(B/W) TV Lines Horizontally
Image Pick-up Device	Sony 1/3 inch Super HAD CCD
Picture Elements	811(H) x 508(V) 410K pixels
Effective Picture Elements	768(H) x 494(V) 380K pixels
Scanning Area	3.65(H) x 2.74(V) mm
Scanning System	2:1 Interface/ 525 Lines / 60 Fields / 30 Frames
Iris Mode	DC Iris
Lens	2.8-12mm AVF (Auto-Iris Vari-focal) Lens
Minimum Illumination	0.4 Lux at F1.2 (Color) / 0.03 Lux at F1.2 (B&W)
Sync. System	Internal Only
Video Output	1.0 Vp-p Comp. / 75Ω
Electronic Iris	1/60 sec - 1/100,000 sec
O.S.D	Built in
Backlight Compensation	Low / Middle / High / Off Selectable
Gain Control	Low / Middle / High / Off Selectable
White Balance	ATW / AWC / Manual / Outdoor (1,800K-10,500K)
Day & Night	Auto / On
Gamma	γ=0.45
S/N Ratio	50dB (AGC Off, Eight On)
Operating Temp.	14 F - 122 F
Power Source	DC 12V
Power Consumption	200mA
Casing / Dimensions	5.5" (D) x 4.0" (H) / 1.1 lbs / Large SuperDome Case

## 2.9-12mm Auto-Iris

## 2.9-12mm Auto-Iris

### IR Corrected

- WIDE ANGLE
- AUTO-IRIS VARI-FOCAL LENS

- 1/3" Format
- Auto-Iris
- CS Mount Type
- 2.8-12mm Focal Length
- F1.3 bright lens
- Glass Lens
- Made in Japan
- Computar® OEM Brand



**LA VDIR2813-L** 2.9-12mm Auto iris vari-focal / IR Corrected

### IR Corrected

- WIDE ANGLE
- AUTO-IRIS VARI-FOCAL LENS

- 1/3" Format
- Auto-Iris
- CS Mount Type
- 2.8-12mm Focal Length
- F1.3 bright lens
- Glass Lens
- Made in Japan
- Computar® Brand



**LA TG4Z2813FCS-IR** 2.9-12mm Auto iris vari-focal / IR Corrected / Computar® Brand

## 2.8-8mm Auto-Iris

## 2.7-13.5mm Auto-Iris

### F=0.95 Bright Lens

- WIDE ANGLE
- AUTO-IRIS VARI-FOCAL LENS

- 1/3" Format
- Auto-Iris
- CS Mount Type
- 2.8-8mm Focal Length
- F0.95 bright lens
- Glass Lens
- Fujinon® Brand



**LA FU 288AVF** 2.8-8mm Auto-iris vari-focal / Fujinon® Brand

- BRIGHT LENS
- AUTO-IRIS VARI-FOCAL LENS

- 1/3" Format
- Auto-Iris
- CS Mount Type
- 2.7-13.5mm Focal Length
- F1.3 bright lens
- Glass Lens
- Fujinon® Brand



**LA FU 2714AVF** 2.7-13.5mm Auto-iris vari-focal / Fujinon® Brand

## 2.9-8.2mm Auto-Iris

## 2.8-12mm Auto-Iris

- WIDE ANGLE
- AUTO-IRIS VARI-FOCAL LENS

- 1/3" Format
- Auto-Iris
- CS Mount Type
- 2.8-8.2mm Focal Length
- F1.0 bright lens
- Glass Lens
- Computar® Brand



**LA TG3Z2910FCS** 2.8-8.2mm Auto-iris vari-focal / Computar® Brand

### Excellent Picture

- WIDE ANGLE
- AUTO-IRIS VARI-FOCAL LENS

- 1/3" Format
- Auto-Iris
- CS Mount Type
- 2.8-12mm Focal Length
- F1.3 bright lens
- Glass Lens



**LA TP 2812AVF** 2.8-12mm Auto iris vari-focal

## Power Adapters & Warning Sign / Light

### UL Listed Power Supply



#### TR DCR8-4-1UL

- DC 12V / 4A
- Regulated / Fused 8 ch
- 500mA per channel
- UL Listed



#### TR DCRI6-8-1-UL

- DC 12V / 8A
- Regulated / Fused 16 ch
- 500mA per channel
- UL Listed



#### TR ACDC881-UL

- DC 12V / 8A + AC 24V / 200VA
- Regulated DC / Fused 16Ch
- 1A per channel
- UL Listed



#### TR ACB-1-1UL

- AC 24V / 100VA
- Fused 8Ch
- UL Listed



#### TR ACI6-2-1UL

- AC 24V / 200VA
- Fused 16Ch
- UL Listed

### Warning Sign



#### WA SIGN

- English and Spanish
- 12" x 18" in size

### Warning Light



**WA SL-401C**

- Clear Color



**WA SL-401R**

- Red Color



**WA SL-401B**

- Blue Color

The SL-401 is the lowest current consumption weather-proof strobe in its class. It operates on 12VDC and draws a low 115mA. It's made of high impact resistance thermoplastic to stand up to abuse. The strobe is rated at 60,000 candle power and is designed with an operating life in excess of 200 hours of continuous operation. The SL-401 series strobe is rated at a temperature operating range of -4°F - 140°F (-20°C - 60°C)

- Easy 2-wire connection with reverse polarity protection.
- 60,000 candle power output.
- 115mA current draw at 12VDC.
- Two colored lead wires AWG #22 provided for input power connection.
- Operating life in excess of 200 hours.
- Available lens colors: blue, clear, red.



## Housing & Housing Mount

### Housing Mount



- HM 41L**
- Max. Load : 15lbs
  - Steel / Gray
  - 21 in Length
  - Swivel Angle : 90°
  - 2.6 lbs



- HM 41S**
- Max. Load : 15lbs
  - Steel / Gray
  - 6 in Length
  - Swivel Angle : 90°



- HM 45J**
- Max. Load : 15lbs
  - Steel / Gray
  - 13 in Length
  - Swivel Angle : 90°
  - 1.6 lbs



- HM 205**
- Max. Load : 15lbs
  - Aluminum / Beige
  - Swivel Angle : 90°
  - 10in Length
  - 2 lbs



- HM 210**
- Max. Load : 15lbs
  - Aluminum / Beige
  - Swivel Angle : 90°
  - 8.9 Length
  - 1.2 lbs



- HM 218**
- Max. Load : 25lbs
  - Aluminum / Beige
  - Swivel Angle : 90°
  - 11.22 Length



- HM 40S**
- Max. Load : 15lbs
  - 8 in Length
  - Steel / Gray
  - Swivel Angle : 90°



- HM 40L**
- Max. Load : 15lbs
  - 12 in Length
  - Steel / Gray
  - Swivel Angle : 90°

### Camera Housing



- HO 603**
- Outdoor / Indoor Housing
  - Plastic / Gray
  - 3.9"(W) x 3.8"(H) x 14.5"(D)
  - Sun Visor
  - 3.9 lbs



- HO 605**
- Outdoor / Indoor Housing
  - Aluminum / Beige
  - 5.6"(W) x 4.5"(H) x 15.4"(D)
  - Sun Shield
  - 3.9 lbs



- HO 605HB**
- Outdoor / Indoor Housing
  - Aluminum / Beige
  - 5.6"(W) x 4.5"(H) x 15.4"(D)
  - Sun Shield
  - Heater and Blower (AC 24V)
  - 7.5 lbs



- HO 605S**
- Small Size
  - Outdoor / Indoor Housing
  - Aluminum / Beige
  - 5.6"(W) x 4.5"(H) x 13.8"(D)
  - 2.5 lbs



- HO 605IR**
- Outdoor / Indoor Housing
  - Aluminum / Beige
  - 5.6"(W) x 4.5"(H) x 15.4"(D)
  - Sun Shield
  - 36 IR / DC 12V Power
  - 7.5 lbs



- HO 605SS**
- Extra Small Size
  - Outdoor / Indoor Housing
  - Aluminum and Plastic / Beige
  - 3.9"(W) x 3.9"(H) x 10.2"(D)
  - 2.5 lbs