



# DOME CAMERA

**CMD 2182 / 2186**

ATR 700TVL Color Dome Camera



## 700TVL ICON

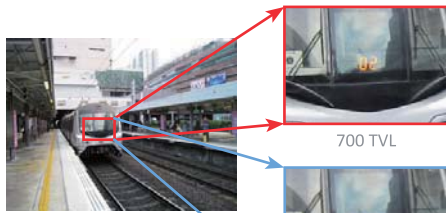


### Resolution Of 700TV Lines

By adopting a diagonal 6mm(1/3") 480K pixels, 570K pixels CCD, the camera produces clear picture quality with a horizontal resolution of 700TV lines for color.



700 TVL



700 TVL

Conventional



### High Light Compensation

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



Conventional



HLC



### Adaptive Tone Reproduction

Improves the visibility of the entire picture by providing the optimum gradation compensation.



Conventional



2D ATR



### AWB

Allows the color camera to adjust the tone according to the light source, adjust to produce white color while detecting white color object in the scene.



AWB OFF



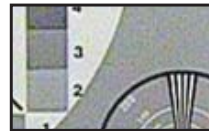
AWB ON



### 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

#### ► Noise reduction keeping image sharpness (2D)



NR Off



Conventional NR



Preserved edge by New 2D-NR



### Privacy Zone

Privacy zones prevent objects and areas such as windows and doors which are within the camera's viewing range but not in the scope of surveillance , 8 masking areas per screen simultaneously.



Conventional



Privacy Zone



### OSD

This camera provides an on screen display (OSD) setup menu where all advanced functions can be selected and setup via OSD.



### Color Rolling Suppression (ANTI CR)

Suppresses the color rolling which arises when there are slight deviations between the blinking frequency of non -inverter fluorescent lights and the drive frequency of the image sensor devices.



ANTI CR





# CMD 2182 / 2186

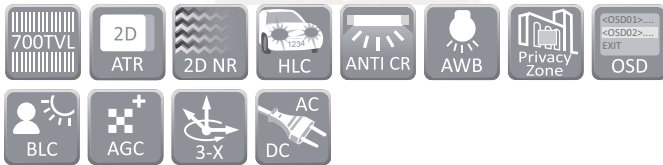
Camera Series  
Dome Camera

## ATR 700TVL Color Dome Camera



### Features

- Resolution Of 700TV Lines
- Adaptive Tone Reproduction(ATR)
- Noise Reduction(2D-NR)
- High Light Compensation(HLC)
- Color Rolling Suppression(ANTI CR)
- White Balance
- On Screen Display(OSD)
- Privacy Zone
- 3-Axis camera construction



### Dimensions Ø120 x 102mm



(Unit:mm)

Dome Camera		ATR 700TVL Color Dome Camera				
Series Number		CMD2182 / 2186				
Model		CMD2182N/P3.6	CMD2182N/P6	CMD2186N/P3.6	CMD2186N/P6	
Lens	Focal Length	3.6mm	6mm	3.6mm	6mm	
	Iris	F2.0	F1.8	F2.0	F1.8	
	Angle of View	H	73°	44.5°	73°	44.5°
		V	54.5°	33.1°	54.5°	33.1°
D		92°	56°	92°	56°	
Power Supply		DC12V±10%		DC12V±10% / AC24V±10%		
System		NTSC or PAL				
Pick Up Element		1/3" Exview HAD CCD Sensor				
Effective Pixels	NTSC	976(H) x 494(V) [NTSC]				
	PAL	976(H) x 582(V) [PAL]				
Chip Size		5.58mm(H) x 4.67mm(V)				
H/V Sync. Frequency	NTSC	15.734 KHz / 59.94Hz [NTSC]				
	PAL	15.625 KHz / 50Hz [PAL]				
Scanning System		2:1 Interlace				
Menu Control		OSD Control				
Sync. Mode		Internal				
Resolution		700TV Lines				
Minimum Illumination		0.2Lux / F1.8				
S/N Ratio		More Than 50dB (AGC-OFF)				
Auto Gain Control		AUTO / MANUAL				
White Balance		ATW / PUSH / USER1 / USER2 / ANTICR / MANUAL / PUSH LOCK				
Shutter	Auto	1/60(1/50)S ~ 1/100,000S				
	Manual	1/60(1/50)S, 1/100(1/120)S, 1/250S, 1/500S, 1/1,000S, 1/2,000S, 1/4,000S, 1/10,000S				
Adaptive Tone Reproduction	Luminance	LOW / MID / HIGH				
	Contrast	LOW / MIDLOW / MID / MIDHIGH / HIGH				
Back Light Compensation		BLC / HLC(High Light Compensation) / OFF				
Noise Reduction		Y / C / Y/C / OFF				
Picture Adjust		MIRROR / BRIGHTNESS / CONTRAST / SHARPNESS / HUE / GAIN				
Privacy Masking		ON / OFF				
Privacy Masking Zone		8 Zones				
OSD Language		ENGLISH/JAPANESE/GERMAN/FRENCH/RUSSIAN/PORTUGUESE/SPANISH/SIMPLY CHINESE				
Video Output		CVBS 1.0Vp-p, 75ohm				
Gamma Characteristic		γ=0.45				
Power Consumption		1.9W		2.7W(DC) / 2.2W(AC)		
Operating Temperature		-10°C ~ + 50°C (14°F ~122°F)				
Dimension		Ø120 x 102mm				
Weight		290g		310g		