

3. FEATURES

High Resolution

CCD Sensor provides high resolution reaching 650~700 TVL with advanced and clear picture quality.

Excellent Sensitivity

High sensitivity, low smear, high anti-blooming and high S/N ratio.

Adaptive Tone Reproduction (ATR)

ATR is the Single Scan WDR function; it has the other name with Digital WDR, Software WDR. Perfectly shows the image details between dark and light. Newly added environment dynamic detection switch, enhancing WDR image efficiency.

Digital Noise Reduction (DNR)

With 2DNR enable, it can reduce the noise to produce extremely clear picture quality even under low light condition.

Day & Night

Mechanic IR Cut-Filter driving unit with Light Sensor.

High Light Compensation (HLC)

By setting mask are, the user will experience better operation convenience see a clearer image.

Privacy Mask

Privacy image masking with free position, support up to 8 areas of privacy masking zone.

Motion Detection

Camera-site takes the initiative in providing motion detection alert for a more comprehensive monitoring and careful editing of motion detection area. When there are changes within the detection area, the camera immediately issues a warning.

Lens (External manual focus)

Built-in DC-type Vari-Focal lens with ICR

Infrared

Built in the 24 pieces IR LED to support 20 Meters

OSD

OSD (On Screen Display) Setup Menu. Camera tile setup of up to 52 alphanumeric letters.

Mechanism

Weatherproofing Vandal Housing Design.

Application

All function can be operated from OSD: AES (Automatic Electronic Shutter), AI (Auto Iris), GC (Gain Control), WB (White Balance), BLC (Back Light compensation), and Horizontal Mirror.

*****Optional**

Dual Power DC12V/AC24V

6. SPECIFICATION for QC8620

Image Device	1/3" Color CCD Ex-View HAD II (Sony Chipset)	
Effective Picture Elements	NTSC: 976x494 PAL: 976x582	
Horizontal Resolution	Day: 650 TVL Night: 700 TVL	
Minimum Illumination	0.01lux/ F1.2 (Day)	
Day to Night Illumination	Under 5 Lux	
S/N Ratio	More than 48dB (AGC OFF)	
Shutter Speed Control	NTSC: 1/60~1/100,000, PAL: 1/50~1/100,000 Manual: 1/50, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000	
Lens Furnished	Vari-Focal Lens with ICR	
Auto Iris Control	DC Driver	
Gain Control	Auto/ Manual	
White Balance	ATW / PUSH / USER1 / USER2 / ANTI CR / Manual / PUSH LOCK	
ATR	ON/ OFF	
DNR	ON/ OFF	
Back Light Compensation	ON/ OFF	
High Light Compensation	ON/ OFF	
PRIVACY	Maximum 8 Areas	
MOTION DET	4 Areas	
Camera ID	Up to 52 Characters	
Mirror	ON/ OFF	
Video Output	1Vp-p/ 75 Ohms	
Infrared Luminary	24 pieces IR- LED	
Wavelength	850 nm.	
Illuminate Distance	Up to 20m	
Power Supply	DC 12V±10%, Dual Power DC12V/AC24V (Optional)	
Power Consumption	IR ON	340mA max.
	IR OFF	120mA max.
Operating Temp.	-10°C ~ 50 °C (14 to 122°F)	
Gamma Characteristic	0.45	
Synchronous System	INT	