

EQ650

Wide-Dynamic Range Camera
Designed for Extreme Lighting Conditions



EQ650 Features

- **550 TVL Sony Chip**
- **On-Screen-Display**
- **Auto Sense:
Turn WDR On & Off**
- **0.001 Lux using DSS for Low Light Situations**
- **Dual Voltage**



Power Supply	Output
Image Device	Sony 1/3" Vertical Double-Density CCD
Effective Pixels	NTSC / 768 (H) x 494 (V)
Electronic Shutter	NTSC / 1/60 ~ 1/100,000sec Auto
Scanning system	2:1 Interlace
Horizontal Res OSD	550 TVL Available
S/N Ratio	More than 48dB (AGC Off / DSS Off)
AGC	MIN/AWT/MAX
Sensitivity	1.0 Lux / 30 IRE @ F2.0 AGC Max, 0.001 Lux (DSS - Digital Slow Shutter)
Wide Dynamic Range	Auto / Off / On (Dynamic Range x64)
BLC	Off / On Level Adjustment, Area Selection
White Balance	ATW / Push / Push Lock / User
Gamma Correction	Y=0.45 / 1 / Active Mode 1 / Active Mode 2
Digital Slow Shutter	1 ~ 500 Field
Operating Temperature	-10° C ~ +45° C / 14° ~ 113° F
Flickerless	Off / On (WDR On)
Sync System	Internal / Line Lock (AC24v Only)
Video Output	Composite 1 [Vp-p] 75 (Ω) unbalanced
Power Input	Dual Voltage (DC12V± 10% Max 680mA / AC24V± 10% / Max 8.6W)
Storage Humidity	30% ~ 90% RH
Dimensions (W x H x D)	65 x 59 x 115mm / 2.6 x 2.3 x 4.5in
Functions	Privacy Zones, Freeze, Image Reverse, Motion Detect
Lens Options	C/CS Mount

The WDR chip inside the EQ650 allows the camera to produce detailed images from a scene's dark areas while maintaining good visibility on the bright areas.



Normal

When the light is streaming in the windows under normal conditions it will black out the image in front



BLC

Notice the images in the background are washed out when BLC (Back Light Compensation) is turned on.



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Only with the EQ650 will you get perfectly detailed images in the entire picture under extreme lighting conditions.