

# The NEW 550 series camera incorporates advanced PureVision technology, which automatically adjusts camera parameters to ensure sharp, crystal clear pictures.

The 550 series uses a 1/3" Sony CCD image sensor to produce super high-resolution (540 TVL) color images. The PureVision technology seamlessly increase the Auto Gain Control (AGC) when light levels fal further increasing the cameras sensitivity. PureVision technology and the 550 series are the logical next step in intelligent video surveillance systems.

■ For a Wide Variety of Applications of both Indoor and Outdoor Security Surveillance.



Hospitals/Hotels



Offices/Casinos



Classrooms/Restaurants



Banks



Department Stores



Elevators

## EQ550

### 1/3" 540TVL High-Res. Digital Color Camera

#### Key Features

- Industry leading Super High-Resolution with 540 TV Lines of horizontal resolution.
- Revolutionary integrated 10-bit Digital Signal Processor delivers excellent picture quality and performance.
- 1/3" CCD image sensor with approximately 440,000 picture elements.
- Low Light sensitivity 0.5lux/F=1.2 (AGC ON)
- Sharper color images with digital signal processing.
- Intelligent backlight compensation.
- Wide range automatic electronic shutter up to 1/100,000.
- Auto line lock with external phase adjustment.
- Used with either C-mount or CS-mount lenses and easy back-focus adjustment.



#### Specification

<b>Pickup device</b>	1/3" interline transfer colour CCD	<b>Gamma Correction</b>	>0.45
<b>Video Format</b>	NTSC/PAL	<b>Sync. Mode</b>	1. Line-Locked with LL on 2. Internal Sync with LL off
<b>Picture Element</b>	NTSC 768(H) x 494(V) PAL 752(H) x 582(V)	<b>Lens</b>	1/3" DC/VD IRIS 2.8mm - 12mm/F1.4
<b>Horizontal Resolution</b>	540 TV Lines	<b>Lens Mount</b>	C/CS mount back focus adjustment
<b>Video output</b>	BNC VBS 1.0Vp-p, 75ohm	<b>Temp.</b>	Operating 0C - 50C Storage -10C - 60C
<b>Sensitivity</b>	0.5lux/F=1.2; 1.43lux/F=1.6	<b>Weight</b>	Approximately 450g
<b>S/N Ratio</b>	Over 48dB	<b>Dimensions</b>	51mm x 57mm x 140.2mm
<b>Electronic Shutter</b>	Up to 1/100,000	<b>Power</b>	Consumption 5W max.
<b>Back light comp.</b>	On/Off switch		
<b>Auto Gain Control</b>	On/Off switch		
<b>Auto White Balance</b>	Digital auto tracing		
<b>Flickerless</b>	On/Off switch		
<b>Auto Iris</b>	Video Drive or Direct Drive switchable.		

# EI550

## 1/3" 540TVL High-Res. Lens Integrated Digital Colour Camera

### Key Features

- Industry leading Super High-Resolution with 540 TV Lines of horizontal resolution.
- Revolutionary integrated 10-bit Digital Signal Processor delivers excellent picture quality and performance.
- 1/3" CCD image sensor with approximately 440,000 picture elements.
- Low Light sensitivity 0.5lux/F=1.2 (AGC ON).
- Sharper color images with digital signal processing.
- Intelligent backlight compensation.
- Wide range automatic electronic shutter up to 1/100,000.
- Available in NTSC or PAL.
- Built in varifocal lens and mounting bracket.



### Specification

<b>Pickup device</b>	1/3" interline transfer colour CCD	<b>Gamma Correction</b>	>0.45
<b>Video Format</b>	NTSC/PAL	<b>Sync. Mode</b>	Internal Sync
<b>Picture Element</b>	NTSC 768(H) x 494(V) PAL 752(H) x 582(V)	<b>Lens</b>	Comes with: Varifocal f=4mm-9mm/F1.3 Optional: Varifocal f=9mm-22mm/f1.6
<b>Horizontal Resolution</b>	540 TV Lines	<b>Mount bracket dimensions</b>	Aluminum, 155(H)x45(OD) Max. load 3kgs
<b>Video output</b>	BNC VBS 1.0Vp-p, 75ohm	<b>Temp.</b>	Operating 0C - 50C Storage -10C - 60C
<b>Sensitivity</b>	0.5lux/F=1.2; 1.43lux/F=1.6	<b>Weight</b>	Approximately 450g
<b>S/N Ratio</b>	Over 48dB	<b>Dimensions</b>	66mm x 59mm x 146mm
<b>Electronic Shutter</b>	Up to 1/100,000	<b>Power</b>	Consumption 5W max.
<b>Back light comp.</b>	On/Off switch		
<b>Auto Gain Control</b>	On/Off switch		
<b>Auto White Balance</b>	Yes		
<b>Accessories</b>	Mounting brackets x 1 pcs		

# ED550

## 1/3" 540TVL High-Res. Dome Digital Colour Camera

### Key Features

- Industry leading Super High-Resolution with 540 TV Lines of horizontal resolution.
- Revolutionary integrated 10-bit Digital Signal Processor delivers excellent picture quality and performance.
- 1/3" CCD image sensor with approximately 440,000 picture elements.
- Low Light sensitivity 0.5lux/F=1.2 (AGC ON)
- Sharper color images with digital signal processing.
- Intelligent backlight compensation.
- Wide range automatic electronic shutter up to 1/100,000.
- System available in NTSC or PAL.
- Built in varifocal type auto iris lens.
- Manual PAN/TILT mechanism.



### Specification

<b>Pickup device</b>	1/3" interline transfer colour CCD	<b>Gamma Correction</b>	>0.45
<b>Video Format</b>	NTSC/PAL	<b>Iris Level</b>	Adjustable
<b>Picture Element</b>	NTSC 768(H) x 494(V) PAL 752(H) x 582(V)	<b>Lens</b>	Comes with: Varifocal f=3.8-9.5mm/F=1.3 Optional: Varifocal f=3.7-12mm/F=1.6
<b>Horizontal Resolution</b>	540 TV Lines	<b>Lens Mount</b>	Manual PAN/TILT mechanism
<b>Video output</b>	BNC VBS 1.0Vp-p, 75ohm	<b>Temp.</b>	Operating 0C - 50C Storage -10C - 60C
<b>Sensitivity</b>	0.5lux/F=1.2; 1.43lux/F=1.6	<b>Weight</b>	NA
<b>S/N Ratio</b>	Over 48dB	<b>Dimensions</b>	108(OD) x 80(D)mm
<b>Electronic Shutter</b>	Up to 1/100,000	<b>Power</b>	12VDC
<b>Back light comp.</b>	On/Off switch		
<b>Auto Gain Control</b>	On/Off switch		
<b>Auto White Balance</b>	Yes		
<b>Housing</b>	Dome		

# EHD550

## 1/3" 540TVL High-Res. Rugged Dome Colour Camera

### Key Features

- Industry leading Super High-Resolution with 540 TV Lines of horizontal resolution.
- Revolutionary integrated 10-bit Digital Signal Processor delivers excellent picture quality and performance.
- 1/3" CCD image sensor with approximately 440,000 picture elements.
- Low Light sensitivity 0.5lux/F=1.2 (AGC ON)
- Sharper color images with digital signal processing.
- Intelligent backlight compensation.
- Wide range automatic electronic shutter up to 1/100,000.
- DC12V or AC24V switches automatically power supply; Line Lock for AC24V.
- Varifocal lens are available.
- Polycarbonate shell withstands impact of 10lb sledgehammer, smoke or clear as an option.
- Unique security screw locked.
- Heater triggered when temp. falls to less than 10C.
- Manual Pan/Tilt mechanism with wall and ceiling mounting.



### Specification

Pickup device	1/3" interline transfer colour CCD	Gamma Correction	>0.45
Video Format	NTSC/PAL	Weatherproof Rating	IP66
Picture Element	NTSC 768(H) x 494(V) PAL 752(H) x 582(V)	Lens	Comes with: Varifocal f=3.8-9.5mm/F=1.3 Optional: Varifocal f=3.7-12mm/F=1.6
Horizontal Resolution	540 TV Lines	Vandal Proof	Polycarbonate shell can withstand impact of 10lb sledgehammer
Video output	BNC VBS 1.0Vp-p, 75ohm	Power Source	12VDC/24VAC
Sensitivity	0.5lux/F=1.2; 1.43lux/F=1.6	Operating Temp.	-46C - 50C
S/N Ratio	Over 48dB	Weight	NA
Electronic Shutter	Up to 1/100,000	Dimensions	130mm x 98.8mm x 130mm
Back light comp.	On/Off switch	Power Consumption	5W max., 15W when heater is active.
Auto Gain Control	On/Off switch		
Auto White Balance	Yes		
Flickerless	On/Off switch		
Iris	Auto (vari-focal lens only)		

# EZ550

## 1/3" 540TVL High Res. Weatherproof Digital Colour Camera

### Key Features

- Industry leading Super High-Resolution with 540 TV Lines of horizontal resolution.
- Revolutionary integrated 10-bit Digital Signal Processor delivers excellent picture quality and performance.
- 1/3" CCD image sensor with approximately 440,000 picture elements.
- Low Light sensitivity 0.5lux/F=1.2 (AGC ON)
- Sharper color images with digital signal processing.
- Intelligent backlight compensation.
- Wide range automatic electronic shutter up to 1/100,000.
- Built in varifocal lens.
- Designed with sturdy aluminum shell.
- Removable sun shield.
- The heater allows camera to be used in temperatures as low as -25C.



### Specification

Pickup device	1/3" interline transfer colour CCD	Gamma Correction	>0.45
Video Format	NTSC/PAL	Sync. Mode	Internal Sync.
Picture Element	NTSC 768(H) x 494(V) PAL 752(H) x 582(V)	Lens	Comes with: Varifocal f=3.8-9.5mm/F1.3 Optional: Varifocal f=3.7-12mm/F=1.6
Horizontal Resolution	540 TV Lines	Weatherproof Ratings	IP66
Video output	BNC VBS 1.0Vp-p, 75ohm	Power Source	12VDC/24VAC
Sensitivity	0.5lux/F=1.2; 1.43lux/F=1.6	Operating Temp.	-46C-50C
S/N Ratio	Over 48dB	Weight	Approximately 450g
Electronic Shutter	Up to 1/100,000	Dimensions	83mm x 70mm x 172mm
Back light comp.	On/Off switch	Power Consumption	5W max., 15w when heater is active
Auto Gain Control	On/Off switch		
Auto White Balance	Digital auto tracing		
Flickerless	On/Off switch		