



**PRODUCT CES-CZ45**  
**HI-QUALITY 1/4" CCD COLOR CAMERA**

15-CZ45

15-CZ55

	Color	
	1/4" CCD SONY Super HAD	
Optical Technology	480 Lines	
Resolution		
Pixel count	NTSC: 768 x 4944 PAL: 752 582	NTSC: 811 x 508 PAL: 795 x 596
Lens	18 x Optical Zoom FL=4.1~73.8mm @ F1.4 ~ F3.0	22 x Optical Zoom FL=3.7~85.1mm F1.6~F3.7
Digital Zoom	12 x (216 with Optical)	10 x (220 with optical)
Angle of view	2.7° to 48°	2.5° to 57°
Sync System	Int/Ext (V-Lock)	Int/Ext (V-Lock)
Min Illumination	0.5Lux/F1.4	0.02Lux /F1.2 0 Lux with IR paint
Day/Night ops.		Less than 2 Lux Mono
S/N Ratio	> 50dB	>50dB
Electronic Shutter	NTSC: 1/60 >1/10000 PAL:1/50 to 1/10000	NTSC: 1/60 >1/12000 PAL:1/50 to 1/12000
White Balance	Auto / Manual	Auto / Manual
Gain	Auto/Manual 3dB steps	Auto 18dB max
AE Control	Auto/Manual	Auto/Manual
EV Compensation	-10.5dB ~ +10.5dB (1.5dB steps)	-10.5dB ~ +10.5dB (1.5dB steps)
Back Light Comp.	Switchable	Selectable 48 zone
OSD		Yes
Cross hairs		Selectable by software
Focusing	Auto/Manual	Auto/Manual
Picture Effects	Pastel, Neg, Art, Sepia, B&W, Solarise, Mosaic, Slim, Stretch, Still	Neg, mirror, freeze,up, down
Camera operation SW	Zoom Tele, Zoom Wide	Zoom Tele, Zoom Wide
Video O/P		1V p-p / YC out
Camera Control Interface	VISCA (TTL Sig.Lev.) R485	RS232C/Dry Sw./OSD Control
Power requirement	DC6~12V 2.5W	DC12V 3.6W
Weight	230g	280g
Dimensions	51 x 57.4 x 88.5mm	45 x 60 x 78mm
Storage Temperature		-20 + 60°C
Operating Temperature		0 to +50°C
Remote control		IR hand controller

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