

VCC-6580P E
VCC-6585P E



1/3" Color CCD DSP High-Resolution Cameras

- Super high resolution of 540 TV lines (typical)
- High sensitivity – minimum illumination of 0.5 lx (GAIN HI: 50 IRE) or 0.2 lx (GAIN HI: 20 IRE)
- Built-in DSP (digital signal processing) circuitry
- Two types of backlight compensation
- Variable high-speed electronic shutter, 8 modes (VCC-6580P E)
- Electronic iris for indoor use with manual or fixed iris lens
- 24 V AC and 12 to 15 V DC, dual power operation (VCC-6585P E)
- 220 V to 230 V AC, 50 Hz operation (VCC-6580P E)
- 4 years warranty on camera (1 year on movable parts)

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TECHNICAL DATA		VCC-6580P E	VCC-6585P E
Scanning system		PAL standard 625 lines, 25 frames/sec.	
Image sensor		1/3" (approx. 4.8 x 3.6 mm) interline transfer method CCD	
Effective picture elements		752 (H) x 582 (V)	
Horizontal resolution		540 TV lines (typical)	
Minimum illumination (approx.)		0.5 lx (Gain High)/1.0 lx (Gain Norm) at F 1.2	
Video output level		1.0 V (p-p)/75 ohms, composite	
Video S/N ratio		More than 50 dB (AGC off)	
Backlight compensation		ON/OFF – Slide SW (side) ON = Multi-spot photometry (2-mode)/Centre-zone photometry system – Slide SW (side) (activated when auto iris lens used)	
White balance		Auto/Manual – Slide SW (side)	
Color adjust at manual		R, B – VR (side)	
Gain control		Normal/High – slide SW (side)	
Electronic shutter		1/50, 1/120, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000 sec. DIP SW (side)	–
Light control		Auto iris/electronic iris	
Lens mount		CS/C mount (C-mount: using C-mount adaptor, sold separately)	
Flange back		12.5 mm ±0.5 mm adjustment	
Auto iris lens		DC type	
Auto iris output		DC: drive coil (+, –), brake (damp) coil (+, –)	
Lens iris level		LEVEL: L to H – VR (side)	
Electronic iris		ON (EI)/OFF (AI) – slide SW (side)	
Electronic iris range		1.0 to 50,000 lx (with F 1.2 lens: Gain Norm) 0.5 to 50,000 lx (with F 1.2 lens: Gain High)	
Synchronizing system		Internal sync/Line-lock – slide SW (side)	
V phase adjustment		LINE PHASE – VR (rear)	
Sockets	Video signal	VIDEO OUT – BNC (rear)	
	Auto iris lens	LENS – 4-pin (side)	
	Power supply	–	24 V AC, GND – 3-pin terminal (rear) 12 to 15 V DC, GND – 2-pin terminal (rear)
Operating conditions	Operating	Temperature: –10 to +50 °C, Humidity: within 90% RH	
	Storage	Temperature: –20 to +70 °C, Humidity: within 70% RH	
Power requirement		220 to 230 V AC (±10%), 50 Hz	24 V AC, 50 Hz/12 to 15 V DC
Power consumption		3.6 W	
Camera mount		1/4" – 20 UNC (top/bottom selectable)	
Dimensions (W x H x D)*		67 x 54 x 127 mm	56 x 45 x 99 mm
Weight		600 g (without lens)	280 g (without lens)

* Excluding protrusions

