

VCC-W8775P



VCC-WD8875P



## Advanced Wide Dynamic Range Cameras with new CMOS sensor using Iridix Technology to achieve human-eye level

- Built-in progressive scan 1/3" CMOS, approx. 480,000 picture elements
- 550 TV lines of horizontal resolution ensure high definition images
- Day/Night version with built-in IR cut filter (VCC-WD8875P)
- Minimum illumination 0.8 lx (F 1.2, color mode) and 0.08 lx (F 1.2, B/W mode), 50 IRE or 0.32 lx (F 1.2, color mode) and 0.032 lx (F 1.2, B/W mode), 20 IRE
- Super Dynamic Range of 65 dB
- Enhancement of the DNR (Digital Noise Reduction)
- Progressive scan format
- Pure and natural color reproduction with the Bayer RGB filter
- 24 V AC and 12 to 15 V DC dual power operation
- 4 years warranty

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TECHNICAL DATA		VCC-W8775P	VCC-WD8875P
Scanning system		PAL standard 625 lines, 25 frames/sec.	
Image sensor		Progressive scan 1/3" CMOS (approx. 4.8 x 3.6 mm)	
Picture elements		Effective: 800(H) x 600(V)	
Synchronizing system		Internal synch./Line-lock	
Day/Night		–	true day/night function with built-in IR cut filter
Horizontal resolution		550 TV lines	
Minimum illumination 50IRE		0.8 lx (F1.2)	color: 0.8 lx (F1.2), B/W: 0.08 lx (F1.2)
(approx.) 20IRE		0.32 lx (F1.2)	color: 0.32 lx (F1.2), B/W: 0.032 lx (F1.2)
Video output level		1.0 V (p-p) (75 Ohm, composite)	
Video S/N ratio		More than 50 dB (AGC OFF)	
Wide dynamic range		ON/OFF, adjusting level etc., 65dB (typical)	
Backlight compensation		ON/OFF	
White balance		ATW/MANUAL	
Light control		Optical auto iris lens/electronic iris	
Electronic iris		ON/OFF	
Electronic shutter		1/50, 1/120, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000 sec.	
Lens iris level		LEVEL: L to H	
Aperture correction		High/Normal/Low/Off	
AGC gain		High/Normal/Off	
Digital noise reduction		ON/OFF	
Menu		OSD, title setting: 16 characters	
Lens mount		CS mount	
Camera mount		1/4" – 20 UNC (top/bottom selectable)	
Terminals	Video signal	VIDEO OUT – VR (rear)	
	Auto iris lens	LENS – 4-pin (side)	
	Power supply	24 V AC, GND – 3-pin terminal (rear) and 12 to 15 V DC, GND – 2-pin terminal (rear)	
Environmental conditions	Operating	Temperature: –10 to 50 °C, Humidity: within 90 % RH	
	Storage	Temperature: –20 to 70 °C, Humidity: within 70 % RH	
Power requirement		24 V AC, 50 Hz or 12 V to 15 V DC	
Power consumption		6,9 W	T.B.D.
Dimensions (W x H x D)		71 x 45 x 119,5 mm	
Weight		320 g	330 g



Without Iridix



With Iridix



Iridix technology is provided by Apical Limited, UK

