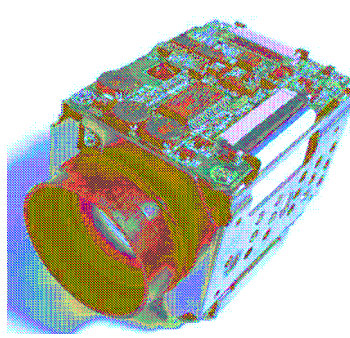


SDM 100 10X Zoom Block Camera



CONFIDENTIAL

Technical Manual

Ver 1.4

3. Camera Specifications

Specifications		SOU-100N	SOU-IMP	bU
P O W E R	Input Voltage	DC 8V - 15v (Recommended : 9V or 12V)		
	Input Current	350 mA : Steady-Mate, (at 9V) . 500 mA : Max. (Zoom, Focus, Day&night motor operating) (at 9V)		
	Power Consumption	3. 15 W : Steady-state (at 9V) 4.5 W : Max. (Zoom, Focus, Day&night motor operating, at 9V)		
C C D	Size	1/4 inch, Interline Transfer CCO		
	Total Pixels	811(H) x 508(V)	795(H) X 596(V)	
	Effective Pixels	768(H) x 494(V)	752(H) x 582(V)	
O P T I C S	Optics	10X. f=3.8 to 38.0mm(F1.8)		
	Win. Focus Distance	1.000mm		
	D. ZOOM	OFF/ON (X2 - X10)		
	Angle Field of view	H : Appr. 51.2" (Wide) to 5.58" (Tele)/V : Appr. 39.3" (Wide) to 4.27" (Tele)		
S Y N	Scanning System	2:1 Interlace		
	Synchronization	Internal/ VD-Lock		Trigger signal input
	Frequency	H: 15. 734 KHz/V:59.94 Hz	H: 15.625 KHz/V : 50.00 Hz	
E L E C T R I C A L	Resolution	500 TV Lines (Min.) : Color (WIDE) / 570 TV Lines (Min.) : B/W (WIDE)		
	Win. Illumination	0.7 Lux/F1.8 (50 IRE) : Color / 0.02 Lux/F1.8 (50 IRE) ; B/W		
	S/H (Y signal)	50 dB (AGC Off, Weight ON)		
	Video Output	CVBS : 1.0Vp-p/75Ω ;		
	Focus	Auto/Manual/One push		
	Zoom Movement Speed	1.67 sec : Wide to Tele	1.75 sec : Wide to Tele	
	IRIS Control	Auto. Manual		
	Lens Initialize	Built-in		
	Camera Title	OFF/ON (Displayed 15 characters)		
	Camera ID	255 ID Selectable		
	Day & Night	Auto1, Auto2,COLOR,B/W(ICR)		
	Gain Control	Normal .High, OFF Selectable		
	White Balance	ATW/AWC/Manual (1800 'K - 10.500 ' K)		
	Back Light Compensation	LOW/MIDDLE/HIGH/OFF Selectable		
	Electronic shutter speed	AUTO (X128 - 1/60sec- 1/120.000 sec) AUTO (X128 - 1/50sec~ 1/120,000 sec.) Sens-up and Sens-up Limit is selectable, Sens-up and Sens-up Limit is selectable. Flicker less		
	O.S.D	Built-in		
	Motion Detection	ON/OFF(4 Programmable Zone per Screen)		MO output
	Communication	RS-485 or RS-232C(9600bps. 19200bps, 38400bps Selectable)		
	SSNR	Low, Middle, High, Off		
	Privacy Function	ON/OFF(32Zones. It consists of SGroup 4Programmable Zone per Screen)		

	FLIP	Vertical .Horizontal .Vertical-Horizontal .OFF Selectable	
	Preset	8 Position(Store with Internal EEPROM)	
Operating Temperature/Humidity		0°C to +50°C; / 20% to 80% RH	
Storage Temperature/Humidity		-20°C to +60°C / 20% to 95% RH	
Dimension		38.9 (W) *43.7 (H) x61.67(D)mm (PCS 3QH)	
Weight		96 g	

*** Design and specification are subject to change without notice.**

SDM-100

Premier Electronics Ltd 0870 220 8350 www.premierelect.co.uk