

# SID-450/452

Mode	SID-450N	SID-450P	SID-452N	SID-452P
Power Source	12V DC (±10%)		12V DC / 24V AC (±10%)	
Power Consumption	Max. 2.5W		Max. 3.0W	
Image Pick-up Device	1/3" Super HAD CCD			
Total Pixels	811(H) x 508(V)	795(H) x 596(V)	811(H) x 508(V)	795(H) x 596(V)
Effective Pixels	768(H) x 494(V)	752(H) x 582(V)	768(H) x 494(V)	752(H) x 582(V)
Scanning System	2 : 1 Interlace 525 Lines / 60 Fields / 30 Frames	2 : 1 Interlace 625 Lines / 50 Fields / 25 Frames	2 : 1 Interlace 525 Lines / 60 Fields / 30 Frames	2 : 1 Interlace 625 Lines / 50 Fields / 25 Frames
Synchronization	Internal			
Scanning Frequency	Horizontal : 15,734KHz Vertical : 59.94Hz	Horizontal : 15,625KHz Vertical : 50Hz	Horizontal : 15,734KHz Vertical : 59.94Hz	Horizontal : 15,625KHz Vertical : 50Hz
Horizontal Resolution	530TV lines (Min.)			
Video Output	1.0Vp-p / 75Ω (Video 0.714Vp-p, Sync 0.286Vp-p)	1.0Vp-p / 75Ω (Video 0.7Vp-p, Sync 0.3Vp-p)	1.0Vp-p / 75Ω (Video 0.714Vp-p, Sync 0.286Vp-p)	1.0Vp-p / 75Ω (Video 0.7Vp-p, Sync 0.3Vp-p)
Zoom Ratio	3X, f3.0 ~ 9.0mm (F1.2)			
Angle Field of View	Horizontal : Appr. 90.0°(Wide) to 31.8°(Tele) Vertical : Appr. 66.2°(Wide) to 23.9°(Tele)			
S / N Ratio (Y signal)	50dB (AGC off, Weight on)			
Min. Illumination	0.3Lux@F1.2 (Normal color mode) 0.002Lux@F1.2 (Sens-up mode)			
Back Light Compensation	Low / Middle / High / Off selectable			
Day & Night	On / Auto selectable (Electrical)			
Gain Control	Low / Middle / High / Off selectable			
White Balance	ATW / AWC / Manual selectable (1800°K ~ 10,500°K)			
Electronic Shutter Speed	Fixed (1/60sec - Flickerless)	Fixed (1/50sec - Flickerless)	Fixed (1/60sec - Flickerless)	Fixed (1/50sec - Flickerless)
Sens-up	On / Off (Selectable limit ~ 128X)			
OSD	Built-in			
SSNR	Low / Middle / High / Off selectable			
Motion Detection	On / Off selectable (Output via terminal)			
Privacy Function	On / Off selectable (4 Programmable zones)			
Sharpness	On / Off Selectable (Level adjustable)			
Rotation Angle	Pan : ±175° / Tilt : ±75°(Wide) / ±80°(Tele) / Rotate : ±170°		Pan : ±170° / Tilt : ±75° / Rotate : ±170°	
Flip	Vertical / Horizontal / Vertical-Horizontal / Off selectable			
Lens Initialization	Built-in			
Focus Control	Auto / Manual / One push selectable			
Iris Control	Auto / Manual selectable			
Communication	RS-232C			
Operating Temperature	-10°C ~ +50°C			
Operating Humidity	30% ~ 80% RH			
Dimensions	Ø130(W) x 100(H)mm		Ø130(W) x 105(H)mm	
Weight	570g		670g	