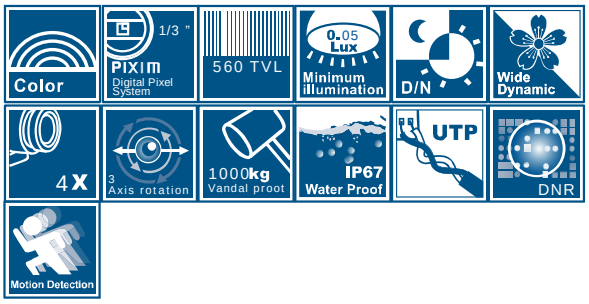
SDF416U Color Camera

4X Vari-focal Dome, Wide Dynamic Range
Easy Day / Night , vandal-proof camera



Specification

Image system		
Image pickup device	Pixim Orca Sensor with Digital Pixel System (R) technology	
Effective pixels(HxV)	720 X 540	
Electric		
Scanning system	2:1 Interlace V: 50Hz, H: 15.625KHz	
	2:1 Interlace V: 59.94Hz, H: 15.734KHz	
Horizontal resolution	560 TV lines	
Built-in lens	f= 2.8 ~ 10 mm , F1.3	
View Angle	Wide=129.01 °(D) , 100.8°(H) , 73.3°(V), Tele= 34.32°(D) , 27.39°(H) , 20.45°(V)	
Dynamic range	102 dB (typ), 120dB(max)	
Minimum illumination	0.8 lux (F1.3, AGC on, 50 IRE); 0.05 lux (F1.3, AGC on, 10 IRE)	
S/N ratio	> 50 dB (AGC off)	
Electric shutter	1/60 sec.	1/50 sec.
UTP	Yes; 300M (985 ft.)	
OSD menu		
Video Standard	NTSC	PAL
White balance	ATW1 / ATW2 / Manual	
Auto Gain Control	High / Mid / Low	
WDR	Yes; always ON	
BLC	OFF / CENTER / DOOR UP / DOOR DOWN / HALF UP / HALF DOWN / CUSTOM	
Flickerless	EFR (Enhanced Flickering Reduction) Technology	
Synchronization	Internal / LineLock	
V-Phase Adjust	0 ~ 360 deg	
Day/ Night mode	Easy D/N (Auto)	
Digital Zoom	4X	
Gamma correction	Auto/Manual	
Motion Alarm	4 Area Selectable	
Digital Noise Reduction	Deafult : ON	
Saturation (Chroma)	-8~8 selectable	
Color / B&W	Yes	
Slow shutter (Sense Up)	X2 / X4 / X8 / X16 /32X selectable	
Video output	1Vpp composite output, 75 ohm	
Monitor output	1Vpp composite output, 75 ohm	
Power supply		
Power requirement	DC12V/AC24V +/-10%	
Power consumption	4.5W (max.)	
Environment		
Operating temperature	-10ºC ~ 50ºC (14ºF ~ 122ºF)	
Operating humidity	30% ~ 90% RH	
Storage temperature	-20ºC ~ 60ºC (-4ºF ~ 140ºF)	
Mechanism		
Dimensions(øxH)	150mm x 132mm (5.9" x 5.2")	
Weight	1150g approx. (2.5 lb)	
Vandal proof	1000Kg (2205 lb) impact resistance	
Protection class	IP67	
Ordering information	SDF416U-HN5	SDF416U-HP5

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