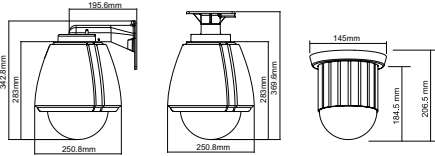


# 550TVL WDR Speed Dome Camera

- Effio platform
- 550TV Lines
- Super HAD II high sensitivity WD CCD
- 36X optical zoom
- Built-in heater & fan for outdoor type (RYK-S413.S414)



RYK-S413



RYK-S414



RYK-S415



Model No.	RYK-S413	RYK-S414	RYK-S415
<b>VIDEO</b>			
Image Device	1/4" Color Sony Super HAD II Density WD CCD		
Picture Elements (HxV)	NTSC:976x494, PAL:976x582		
Resolution	550 TVL		
Illumination	0.05 Lux (Day mode), 0.008 Lux (Night mode), 0.0008 Lux (DSS) / F1.6		
S/N Ratio	More than 50dB		
Electronic Shutter	NTSC:1/60~1/100,000, PAL:1/50~1/100,000, Sec 29 Steps include Flickerless (NTSC:1/100, PAL:1/120)		
Gamma	0.45		
<b>LENS</b>			
Lens Mount	36x Auto Focus Zoom (3.4~122.4mm / F1.6~4.5)		
Iris Control	Auto / Manual		
IR-Cut filter Removable	Yes		
Mini. Shutting Distance	0.01m (Wide), 1.5m (Tele)		
Zoom Speed	8 / 10 / 15 sec mode		
<b>FUNCTIONS</b>			
Focus Mode	Auto / Manual / Push Auto		
Wide Dynamic Range	Level:0~255 (Auto Detect)		
Digital Noise Reduciton	Low / Mid / High		
Day & Night (ICR)	AE / Day / Night / External		
Day & Night I/O	Input / Output		
On-Screen-Display (OSD)	English / Simple Chinese		
Digital Slow Shutter (DSS)	Off, 2~20, 40, 80, 160, FLD		
Flickerless Mode	On / Off (NTSC:1/100, PAL:1/120)		
Motion Detection	Area:12x8, Sensitivity:0~63		
Alarm / Relay	6 Input / 1 Output		
Privacy Masking	15 Areas (Area size adjustable)		
White Balance	Auto / Indoor / Outdoor / Manual / Push Auto		
Gain Control	Auto / Manual		
Back Light Comp.	7 Areas & Smart Area, Level: 0~225		
Digital Zoom	16x		
Camera ID	000~255		
Camera Title	Up to 16 characters		
Mirror	Horizontal / Vertical / Rotate		
Freeze	On / Off		
<b>PAN/TILT</b>			
Angle	Pan : 360° (Endless), Tilt : -8~90°		
Speed Control	Preset : Pan 1~300°/sec, Tele 1~200°/sec Manual : Pan 1~150°/sec, Tele 1~100°/sec		
Preset Point	128 preset points		
Sequence	6 groups		
PTZ mode	Preset / Swing / Group / Pattern		
<b>GENERAL</b>			
Weatherproof	IP66		—
Remote Control	RS-485/422		
Protocol	PELCO D&P		
Sync. System	Internal / External Line Lock		
Video Output	1 Vp-p / 75 Ohms		
Power Supply	DC12V±10% (option:AC24V for outdoor type only)		
Power Consumption	DC:1100mA / AC:24W max.		
Operating Temp.	-10°C ~ 50 °C		