

SmartRDSS

“More video, less bandwidth” – Seeing is believing

Designed for the ultimate Rapid Deployment Surveillance Solution, the SmartRDSS from SVS Ltd is a perfect example of a ‘plug and play’ philosophy. With any 3G/4G data SIM card inserted (cellular version) just add power and you are “good to go” immediately. While perfect for fixed, permanent deployment, the SmartRDSS is ideal for those situations where rapid deployment is a must, or as the perfect hub for extra ‘satellite’ cameras.

The HD Camera is HDTV 1080p and has 10x Optical zoom, along with continuous 360 degree pan and day night capability. This is driven by our powerful software which delivers gold standard performance with high standard video transmission over both cellular and wireless networks. Developed with ease of use as the prime consideration, SVS Ltd recognises that a rapid deployment solution needs to be up and running with minimal effort and that is what the SmartRDSS delivers.

Single person setup, coupled with high level durability and rugged weather proof construction means it can literally go anywhere; the camera enables high-definition video surveillance of large indoor and outdoor areas and provides great details when zooming in. Suitable applications include fly tipping, event management, workforce protection and traffic surveillance. The pole mounting design is so flexible that the system has rapidly become the choice of installers who ideally must work alone and need to be able to assemble and be on-line with minimal effort, while the dome unit itself is interchangeable for different situations in response to a changing environment.

Streaming live video is simplicity itself, while recording for HD cameras comes as standard.



Using our partner, Vemotion’s, intelligent software the unit will connect seamlessly to any network, be it mobile or Wi-Fi and from the moment you switch on, it will seek out the control room server and connect automatically. All the usual camera features (power, zoom, tilt, etc.) are fully available, plus the advantage of added remote video retrieval designed for wireless video applications. Just need another set of eyes on the ground quickly? In this case, the SmartRDSS becomes just that – an additional camera shared when needed within the secured network and fully managed from the control room by being integrated with class leading VMS platforms, both IP and analogue.

SmartRDSS Data Specifications

General	Control room integration	Recording
Compression – Vemotion’s Optimised H.264	Standard integration over IP - RTSP H.264	Internal storage – 750GB HDD/SSD options
Integrated with existing infrastructure and VMS platforms	Bespoke IP integration from industry leading VMS platforms	Removable storage – 2.5 inch caddy supports up to 1TB
Integrated 2.5G, 3G, 4G, Ethernet, Wifi	ONVIF Support	Loop or protected mode
Local and remote recorded video playback and retrieval Dynamic encoding profiles – Manual and Automatic		Definable recording profiles – resolution, framerate, bitrate for maximum flexibility
Remote PTZ		
GPS		
Client server architecture		
Mechanical		
Dimensions	(H) 386mm height x (W) 178mm	
Weight	3.5Kg	
IP rating	Designed to IP65	
Mounting	Bracket and strap – single engineer deployable	
Colour and housing	Black Aluminium Enclosure for external use	
Pan Tilt Zoom	Pan: 360 endless 360 per second Tilt: 180° 10x Optical zoom	
Resolution	1920x1080px resolution	
Frame rate	25fps	
Video Streaming	Multiple, individually configurable streams in H.264 Controllable frame rate and bandwidth	
Min. Illuminance	0.5Lux (Colour) 0.01Lux (B/W)	
Day/Night	Settings available for automatic Day/night	
Lens	5.1 – 51 mm	
Power	Mains 230VAC 50-60Hz power supply	
Operating temperature	-10 C to +55 C	