MoviSight

SCAN-INTEGRATED

Fully Integrated Intelligent Camera System

The Scan-Integrated is a fully integrated intelligent camera system that combines radar and camera technology into a stand-alone system. The stacked configuration eliminates blind spots for total 360-degree coverage. Designed and manufactured in UK.

scan 360

All weather, multi-terrain

THREAT DETECTION

Scan-Integrated is a unique stand-alone intelligent system consisting of integrated Radar & 1080p HD Camera with wide area coverage of up to 200m in all direction (400m diameter). Scan-Integrated provides early warning detection and automatic surveillance without the need for visual clarity and therefore works in all weather conditions - rain, fog, snow, mist, coastal as well as extreme hot and cold climates.

Scan-Integrated scans 360° every second to detect and automatically track moving objects. The camera slews to track the highest priority target as the radar continually monitors any other intruders.

IP alarm output facility allows notification to the operator that a target is being monitored, even when the camera is looking elsewhere. At night infrared illumination allows stealthy monitoring of targets, while the bright white light illumination provides an instant deterrent as it follows the intruder.

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SPECIFICATIONS

PRODUCT SPECIFICATION	30x HD ENHANCED LOW LIGHT
Colour/Mono	Yes
Imager (CMOS)	1/2.8-type Exmor R
Zoom - Optical + Digital	30x, 12x
Zoom - Total	360x
Pixels	Approx 2.13 Megapixels
Horizontal view angle	2.3°(T) - 63.7°(W)
Lens Size	4.3 - 129mm
Min Sensitivity - colour	0.0013 Lux
Min Sensitivity - mono Int	0.0008 Lux
Signal Noise Ratio	>50dB
Picture Freeze	Yes
Picture Flip	Yes

SIRIUS ILLUMINATION	IR & WHITE LIGHT
IR75	IR 75 metres
IR125	IR 125 metres
IR100WL	IR 100 metres, WL 100 metres

CODEC	25fps	ASPECT	30fps
HD1080p	1920x1080	16:9	1920x1080
HD720p	1280x720	16:9	1280x720
D1	720x576	4:3	720x480
VGA	640x480	4:3	640x480
QVGA	432x240	16:9	432x240

Distribution	Multi Codec 2 streams
Image Compression	H.264, MPEG4, MJPEG
Protocols	ONVIF (S), TCP/IP, HTTP, RTP, RTSP, 360SDK
Compression levels	CBR, VBR CVBR

For more information, please visit www.movisight.com

PRODUCT FEATURES	ALL CAMERA units have the following functions
Focus/Iris	Auto/Manual
Presets	360
Tours	4 (max 90 presets per tour)
Learned Patrols	4 mimic tours - up to 30 minutes duration each
Privacy Zones	Up to 24
Variable pan speed/ coverage	0.1 - 120°/sec, 360° continuous rotation, absolute positioning
Variable tilt speed/ coverage	0.1 - 120°/sec, 180°, absolute positioning
Auto Homing	Goes to preset, tour or mimic tour after prescribed time
Col/Mono Changeover	4 levels - 3 fixed, 1 custom/user defined
Operating temperature	-50°C to +60°C with optional heater
Power	24vdc/30vdc @ 100 Watts Max.
Mounting options	Wall, Corner, Pole and Soffit
Certification	CE & FCC approval; Ingress IP68; Impact IK10; Vibration & Shock certified approvals

RADAR FEATURES	
Maximum Range	Up to 200m in all directions (400m diameter)
Range Resolution	approx 1.5m
Beamwidth - Azimuth	6°
Beamwidth - Elevation	Spread Beam
Angular Resolution	approx 2.6 degrees
Field of View	360°
Scan Rotation Rate	360 degrees every second
Interface	100Mb Ethernet
Mounting Height	Recommended 2-6m
Environmental	IP66
Operating Frequency	24.05 - 24.25 GHz (license exempt ISM band)
Operating Temp	-20°c to +55°c (-40°c to +55°c with heater option installed)
Compliance	CE Marked, EN300440 RF, EN301489 EMC, IEC60950 Safety.

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