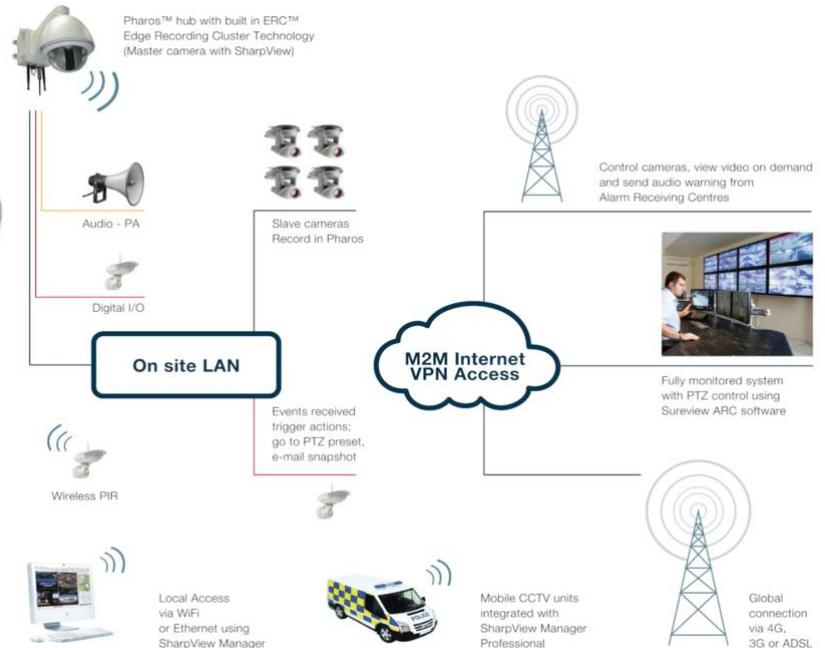buavi

PHAROS CCTV RANGE
ALL IN ONE RAPID DEPLOYMENT SURVEILLANCE SYSTEMS

The Pharos ALL-IN-ONE range of rapid deployment CCTV solutions can be used to monitor, record and transmit alarms to any alarm receiving centre using cable, Wi-Fi or 4G.

Pharos secures large sites and major events gathering vital evidence at crime scenes. The operator can review HD quality video, send audio warnings and control barriers, gates and other equipment at a fraction of the cost of manned guarding. Always looking, totally reliable, indisputable.

Additional 'slave' cameras and devices can be connected to the system creating a small and low power CCTV cluster.

Used in combination with SharpView Manager Professional for total control or integrated into other third party alarm receiving software.

Key Features

Rapid deployment
Standalone CCTV solution for one or multiple cameras.
Relocate with minimal installation costs

High quality PTZ camera
ONVIF, Super dynamic HD PTZ camera

Handle multiple cameras and alarms
Digital IO, PIR, Video Analysis, ANPR alarms can be transmitted to the alarm centre

Single access point
Wi-Fi, 3G, 4G, ADSL communication.
Access full solution from a single point

Easy to use, install and maintain

Low power

TECHNICAL SPECIFICATION

Model	PHAROS-RAPTOR	PHAROS-POD
INTEGRATED CAMERA	Yes, PTZ HD	No
NVR	SharpView Recording	SharpView Recording
STORAGE CAPACITY	From 120GB to 2TB	From 120GB to 2TB
CHANNELS	Up to 8 cameras	Up to 8 cameras
RECORDING	Continuous, on event & on schedule	Continuous, on event & on schedule
NETWORK PROTOCOLS	HTTP, RTSP, TCP, UDP, SSL	HTTP, RTSP, TCP, UDP, SSL
ETHERNET	RJ45 Gigabit	RJ45 Gigabit
Wireless LAN	802.11b,g,n 150Mbps, 256-bit WPA2	802.11b,g,n 150Mbps, 256-bit WPA2
4G/3G/HSUPA	4G/3G, Tri-Band 850/1900/2100MHz	4G/3G, Tri-Band 850/1900/2100MHz
AUDIO OUTPUT	Yes	Yes
DIGITAL IO	2/1	2/1
SERIAL	RS232	RS232
OPERATING TEMP.	-10 to +55ºC	-10 to +55ºC
CERTIFICATES	IP66 EN60529, CE marked	IP66 EN60529, CE marked
POWER SUPPLY	Mains: 110 – 240VAC Battery: 9 – 36 VDC	Mains: 110 – 240VAC Battery: 9 – 36 VDC
POWER CONSUMPTION	15W typical, 22W max	8W typical, 12W max
CONSTRUCTION	Cast-aluminium, including outer sunscreen, polycarbonate bubble	Cast-aluminium
WEIGHT	7.6Kg	2Kg

Models in this range

ZT-PHAROS-RAPTOR-2TB-4G
HD PTZ, 2TB storage and 4G

ZT-PHAROS-POD-BASE-2TB-4G
2TB storage and 4G

ZT-PHAROS-POD-CAM-WIFI
Wireless and PIR camera detector

ZT-PHAROS-BAT-40AH
40Ah LiFePo4 battery pack

ZT-PHAROS-BAT-55AH
40Ah LiFePo4 battery pack

ZT-PHAROS-BAT-100AH
40Ah LiFePo4 battery pack

Model	PHAROS-RAPTOR CAMERA
IMAGE SENSOR	1/2.8" Sony STARVIS CMOS
RESOLUTION	HD
LENS	4.7 - 94mm 20x A/F Optical Zoom, 16x Digital Zoom (F1.6 - 3.0)
MIN. ILUMINATION	Colour: 0.35Lux, B/W: 0.013Lux (F1.8, 50IRE)
DAY/NIGHT OPERATION	True Day/Night with removable IR cut filter
DIGITAL IMAGE STABILIZATION	Yes
REMOTE FOCUS	Auto-focus
COMPRESSION	H.264 (BP/MP/HP), MJPEG
RESOLUTION	1080p, 720p, D1, Half-D1, VGA, QVGA, CIF
MAX FRAME RATE	1080p@60ips (Dual Stream), 1080p@30ips (Triple Stream), 720p@30ips
VIDEO ANALYTICS	Tampering, Defog, Object Detection, Line Detector, Field Detector
ONVIF	Profile S
PAN RANGE	360º continuous
PAN SPEED	380º / sec
TILT RANGE	0° ~ 90°
N. OF PRESETS	256

Days of duration / Battery capacity (Ah)	ZT-PHAROS-RAPTOR (15W)	ZT-PHAROS-POD-BASE (8W)	ZT-PHAROS-POD-CAM (5W)
22	0.73	1.38	2.2
40	1.33	2.5	4
55	1.83	3.44	5.5
100	3.33	6.25	10

MIRAD-RADAR-RANGE-Version 1