

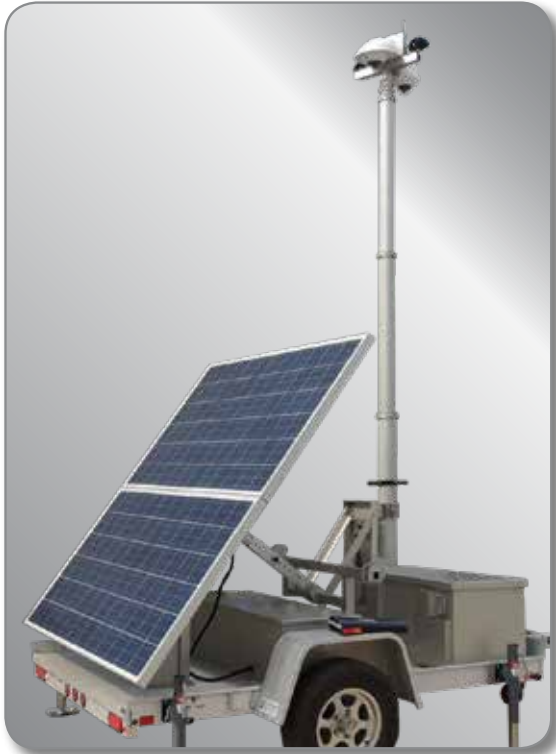
MOBILE SENTRY™



MOBILE SECURITY MONITORING SOLUTIONS



WWW.WILLBURT.COM



MOBILE SENTRY™

Fixed video systems cannot give you visibility everywhere you need it. The Mobile Sentry™ portable security and surveillance system by Will-Burt enables you to rapidly deploy security monitoring where you need, when you need it.

Mobile Sentry™ is a trailer-based system that includes state-of-the-art video capabilities with a wide selection of camera options, mobile DVR for incident recording and wireless transmission for remote monitoring. It also includes multiple power and lighting system options. Finally, it incorporates a stable, internally-wired, tamper-resistant mast system for positioning cameras and lights up to 30 ft. / 9 m above ground.

Mobile Sentry™ enables you to keep a watchful eye on people, valuable assets, etc. Whether monitoring crowds at special events, providing aid at crisis management scenes or guarding against theft and vandalism at construction, oil drilling or industrial sites, Mobile Sentry™ gives you continuous visibility.

Law Enforcement

Fixed installed video systems cannot cover all situations or locations where people monitoring is needed. The Mobile Sentry™ portable security and surveillance system enables you to be prepared for any situation that is out of the visual range of fixed video systems. From special events and random checkpoints to crisis management and disaster recovery, with Mobile Sentry™ you can place video monitoring capability where and when you need it.

Fire

Emergency situations are unpredictable, both for their location and timing. The Mobile Sentry™ portable video and lighting system enables you to light up or record traffic accident, fire or other emergency situations, wherever and whenever they occur. Mobile Sentry™ can be rapidly deployed to a location of need and quickly light and begin monitoring or recording the situation.

Construction, Oil & Gas, Industrial & Other Sites

When work or operational sites are temporary, fixed installed video monitoring systems are difficult or impossible. The Mobile Sentry™ portable security and surveillance system can enable you to locally or remotely monitor your valuable assets, helping you to guard against theft or vandalism.





Will-Burt has the credentials to deliver the quality and performance you expect in a critical portable security monitoring system. Will-Burt manufactures a variety of products used in military, law enforcement, fire, border patrol, towing, cellular, television broadcast and entertainment industries. When reliability is essential, customers turn to Will-Burt.

Telescoping masts and towers – Will-Burt is the world’s premier manufacturer of telescoping masts and portable towers for the elevation of surveillance, lighting and antenna systems. We are the world’s one stop shop offering virtually every payload elevation solution from one source. Will-Burt is also the manufacturer of Night Scan®, the #1 selling light tower in the world.

Will-Burt has been serving customers for nearly a century. The Company has operations at its headquarters location in Orrville, Ohio with manufacturing facilities also in Tulsa, Oklahoma and Waischenfeld, Germany.

Will-Burt is 100% employee-owned and has a strong commitment to the continuous improvement process set forth by its ISO 9001:2015 certified quality system.

CONTENTS



**MOBILE SENTRY™
CAPABILITIES**..... 4



**MOBILE VIDEO
SYSTEMS** 6



**VIDEO RECORDING AND
MOBILE NETWORK** 5



**MOBILE LIGHTING
SYSTEMS** 7



**VIDEO MANAGEMENT
SOLUTIONS**..... 5

MOBILE SENTRY™

CAPABILITIES

Mobile Sentry™ delivers security and surveillance capabilities where you need it. The trailer-based portable system offers remote monitoring of any situation, allowing you to observe people and protect assets.

The system allows for configuration to meet your requirements.

- Camera system: Mobile Sentry™ offers a variety of camera options, from two 180° cameras mounted on Will-Burt's proprietary pan positioner, giving you complete coverage of the surveillance area to Pan-Tilt-Zoom cameras, giving day or day-night capability and multiple zoom capability options.
- Mobile DVR system: IP/Analog with built-in GPS and 500GB storage capacity high resolution encrypted video. Can be

set for continuous recording, incident recording based on a trigger or set by schedule.

- Supports powerful central monitoring system for superior online viewing/tracking.
- Remote monitoring is capable from any location via 3G/EVDO/HSPDA interface.
- Mobile wireless router that can support up to 150 concurrent users.
- Power system can include battery, generator, shore power or a combination system.

We would be happy to work with you to select the proper camera configuration to meet your requirements.



VIDEO RECORDING AND MOBILE NETWORK

MCU Mobile DVR: Maximum Features and Security

The MCU range of Hybrid H.264 MDVR's provide the perfect surveillance solution for vehicles or rugged environments. Up to 16 cameras can be managed by one DVR and the MCU is fully loaded with hardware and software characteristics to meet any market specification. Wi-Fi N is standard with all models allowing for easy video download. 4G communications certified by Verizon is available on some models to transmit video live from the scene. The fully featured Mobile Witness Manager™ allows for live view, playback with Google Maps, and integration with Automatic Download, Health Monitor, and MobileLink™ software. All firmware and client software is developed, supported, and maintained in the USA for maximum network security, performance, and stability.



Mobile Router – Dual Network Capability

Will-Burt's mobile router is a perfect fit for any mobile network. This router has been field tested in multiple environments and supports 150 concurrent users standard. It can be programmed to work with two Internet connections (3G and Wi-Fi) to prevent any loss of the Internet connection in the mobile environment. The router can also be programmed for load balancing between the connections to prevent slow connection speeds.



DVR with Quad LCD Monitor

Will-Burt's DVR with Quad LCD Monitor provides standard definition recording and video quality. This Microsoft Windows® based system is ideal for recording events that do not require watermarking and encryption. This combination unit is a convenient and cost effective solution for viewing and recording a variety of events from up to 4 cameras.



VIDEO MANAGEMENT SOLUTIONS

Mobile Witness Manager™

Mobile Witness Manager™ (MWM) is the latest web-based software that marries all the Mobile Witness software packages together. (Auto Download Server, MobileLink™, Fleet Witness and MWA). It has been designed with users' comfort in mind, so nothing is static; the software is 100% customizable bringing significant flexibility and power at the same time. Mobile Witness Manager™ is included with the purchase of the H4H DVR.



Features:

- Web-based
- 100% Customizable
- Integrated MobileLink™
- Integrated AutoDownload
- Integrated FleetWitness
- Live View
- Playback
- Real-time maps
- Snapshots
- Converting to .AVI
- DVD Burning



MOBILE VIDEO SYSTEMS

Will-Burt offers a full range of video cameras from fixed lens, value priced cameras to combination 30x high definition / thermal imaging cameras. Our expertise in video systems and their integration insures that you will receive a video package that will meet your specific requirements.



Feature		WONWOO - IR	WONWOO	Sidewinder SD	Sidewinder HD	Sidewinder TI
Camera Type	Analog	PTZ - Analog Infrared	PTZ - Analog	PTZ - Analog or IP Standard Definition	PTZ - Analog or IP High Definition	PTZ - Analog or IP Thermal Imaging
Lens	8mm / 2.8 mm	3.4mm - 122.4mm	3.4mm - 122.4mm	3.4mm - 122.4mm	4.7mm - 94.0mm	19mm
Image Sensor	Sharp CCD	Exview HAD CCD	Exview HAD CCD	Interline Transfer CCD	2MP CMOS High Definition	8-14 micron spectral uncooled microbolometer
Resolution	510 x 492 / 420 TV lines	1028 x 508 / 700 TV Lines	1028 x 508 / 700 TV Lines	768 x 582 / 520 TV Lines	1920 x 1080	320 x 240 / 225 TV Lines
Optical Zoom / Digital Zoom	Fixed	36x / 32x	36x / 32x	35x / 10x	20x / 10x	N/A
Low Light	0 LUX with 10 IR LED's	0.2 LUX with 46 IR LEDs / 80m	0.5 LUX	0.01 LUX in IR mode	Less than 3 LUX	
Pan & Tilt	No	360° endless pan / -22.5° - 90° tilt	360° endless pan / -45° - 90° tilt	360° endless pan and tilt	360° endless pan and tilt	360° endless pan and tilt
Ingress Protection	IP67 - Waterproof	IP66 - Outdoors	IPX5	IP67 - Waterproof	IP67 - Waterproof	IP67 - Waterproof



2 Camera System



Video + Thermal

Feature	Silent	Silent	Silent	Silent
	Sentinel Oculus SD	Sentinel Oculus HD	Sentinel Oculus IR SD	Sentinel Oculus IR HD
Camera Type	PTZ - Analog or IP		PTZ - Analog or IP w/Infrared Illuminator - 100 meters	
Lens	3.4mm to 122mm	4.3mm to 129.0mm	3.4mm to 122mm	4.3mm to 129.0mm
Image Sensor	1/4" Exview CCD	1/2.8" type Exmor CMOS sensor	1/4" Exview CCD	1/2.8" type Exmor CMOS sensor
Resolution	530 TV lines	Approx 3.27 million	530 TV lines	Approx 3.27 million
Optical Zoom / Digital Zoom	36x / 12x	30x / 12x	36x / 12x	30x / 12x
Low Light	1.4 lux color, 0.01 lux mono	1.7 lux, 0.5 lux in High Sens Mode	1.4 lux color, 0.01 lux mono	1.7 lux, 0.5 lux in High Sens Mode
Pan & Tilt	360° pan / +90° to -30° tilt		360° pan / +90° to -30° tilt	
Ingress Protection	IP67 - Waterproof		IP67 - Waterproof	

Video Camera Feature	Silent	Silent	Thermal	Specification
	Sentinel - Oculus TI SD	Sentinel - Oculus TI HD	Camera Feature	
Camera Type	PTZ - Analog or IP Video + Thermal Imager		Sensor type	Uncooled VOx Microbolometer
Lens	3.4mm to 122mm	4.3mm to 129.0mm	Pixel size	17µ
Image Sensor	1/4" Exview CCD	1/2.8" type Exmor CMOS sensor	Spectral band	8-14µm
Resolution	530 TV lines	Approx 3.27 million	Thermal sensitivity	<50mK
Optical Zoom / Digital Zoom	36x / 12x	30x / 12x	Array format	320 x 240 or 640 x 480
Low Light	1.4 lux color, 0.01 lux mono	1.7 lux, 0.5 lux in High Sens Mode	Frames rates	9Hz, 30Hz
Pan & Tilt	360° pan / +90° to -30° tilt		Image control	White hot, Black hot, Invert
Ingress Protection	IP67 - Waterproof		Focus	Fixed, preset, Athermalised
			Zoom	E-zoom 1-4, Region of interest
			FOV	35mm (other FOV available)

MOBILE LIGHTING SYSTEMS

Will-Burt's Night Scan[®] is the #1 Selling Light Tower in the World



Now the benefits of Night Scan[®] are incorporated into Mobile Sentry[™] with the capability of elevating LED fixtures with 168,000 lumens of light to 30 ft. / 9 m. That level of light output will illuminate both end zones from the 50 yard line and virtually any nighttime monitored scene with intense light.



CONTACT YOUR SALES REPRESENTATIVE TODAY

The Will-Burt Company, headquartered in Orrville, Ohio, USA, is the world's premier manufacturer of mobile telescoping masts, towers and pan and tilt positioners. We offer virtually every payload elevation and integration solution from the top brands; Will-Burt, GEROH, Integrated Tower Systems (ITS) and MAD – for defense, government, first responders, cellular, broadcast, energy production and other markets. Will-Burt also offers contract manufacturing, metal fabrication, powder-coating, and rapid prototyping services. All Will-Burt Company manufacturing locations are backed by a certified ISO 9001:2015 Quality Management System. Incorporated in 1918, Will-Burt is 100% employee-owned and is classified as a small business.



www.willburt.com

UNITED STATES WORLD HEADQUARTERS

169 S. Main St.,
Orrville, Ohio USA 44667
Telephone: 330.682.7015
Mast Customer Service: 330.684.4000
Fax: 330.684.1190
Email: contact_us@willburt.com

INTEGRATED TOWER SYSTEMS

2703 Dawson Road,
Tulsa, OK 74110
Telephone: 800.850.8535
Fax: 918.749.8537
Email: programs@itstowers.com

EUROPE GEROH

A Will-Burt Company
Fischergasse 25
91344 Waischenfeld, Germany
Telephone: +49-9202-18-0
Fax: +49-9202-18-11
Email: info@geroh.com

UNITED KINGDOM MAD

Unit 5, Station Approach
Four Marks, Alton Hampshire,
GU34 5HN, United Kingdom
Telephone: +44 (0) 1420 565618
Fax: +44 (0) 1420 565628
Email: info@madcctv.com

UK SALES OFFICE

Unit 5b, Station Approach
Four Marks, Alton Hampshire,
GU34 5HN, United Kingdom
Telephone: +44 (0) 1403 265532
Fax: +44 (0) 1403 259072

ASIA SINGAPORE SALES OFFICE

1 Fullerton Road,
#02-01 One Fullerton,
Singapore 049213
Telephone: +65 6832 5689
Fax: +65 6722 0664