

VIDEO SOLUTIONS



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Will-Burt's video packages have been designed for integration into the wide variety of elevation and light tower solutions. The Inflexion®, Hurry Up Pump Up Mast and Night Scan® Chief, Powerlite and Vertical Light Towers deliver the capability of camera mounting, with or without lights. A camera, elevated to a height from 5 ft. to 30 ft. above the vehicle roof allows ground personnel to survey an emergency scene quickly and efficiently. In addition, the camera & security systems offer real-time monitoring and surveillance for accurate records and documentation.

Integrated Video solutions have been specifically designed for many industries such as Fire and First Responders, Broadcast, Security, Police, Military, Towing, Oil and Gas, Mining and Construction. Will-Burt can also design custom packages to meet your unique requirements.

From basic fixed cameras to advanced high definition, IP enabled cameras with thermal imaging, Will-Burt offers a model that will fit your needs. Event recording is made possible by a DVR that can be equipped with cellular network transmission capabilities or WiFi.

All video options can be integrated with a Will-Burt elevation solution or light tower providing the most advanced surveillance and recording possible.



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VIDEO CAMERAS

Silent Sentinel HD PTZ Camera

Rugged PTZ Camera with HD Video Options

SDI or IP Available

The Silent Sentinel Oculus HD PTZ Camera is a compact, rugged, continuous rotation PTZ camera that has been specifically designed for harsh and challenging environments. Utilizing the latest HD camera modules, the Oculus can provide HD-SDI or IP video outputs.



Silent Sentinel HD PTZ Camera Plus IR Illuminator

Rugged PTZ Camera with HD Video

Infrared Illuminator: 100 Meters

SDI or IP Available

The Silent Sentinel Oculus HD Infrared Illuminator with built-in LED illuminators ensures the capture of images 24 hours per day.



Silent Sentinel EVO2 HD PTZ Camera Plus Thermal Imager

Rugged PTZ Camera with Dual HD-SDI Video and Thermal Modules

SDI or IP Available

The Silent Sentinel Oculus EVO2 utilizes the very latest in both thermal core and lens technology, providing advanced surveillance capabilities in the most extreme conditions.

The continuous rotation dual sensor PTZ camera uses an uncooled LWIR thermal sensor, delivers 640 x 512 pixel resolution, and offers a range of fixed lenses up to 35mm and an HD visible sensor.

The PTZ is well suited for mid-range surveillance applications and supports simultaneous video verification provided by a 30x HD-SDI or IP zoom module.



Specifications

HD Video Camera				Thermal Imager	
Video Camera	Silent Sentinel HD	Silent Sentinel IR HD	Silent Sentinel EVO2	Silent Sentinel EVO2	
Camera Type	PTZ - SDI or IP	PTZ - SDI or IP w/Infrared Illuminator - 100 meters	PTZ - HD-SDI or IP w/Thermal Imager	Detector type	Uncooled VOx Microbolometer
Lens	4.3mm to 129.0mm			Pixel size	12µm
Image Sensor	1/2.8" type Exmor CMOS sensor			Spectral band	7.5-14µm (LWIR) / 8-14µm
Resolution	2.13MP			Thermal sensitivity	≤50mK at 25°C, F1.0
Optical Zoom / Digital Zoom	30x / 12x			Array format	640 x 512
Low Light	Color 0.01 lux / Mono 0.0008 lux			Frequency	50Hz
Signal System	HD: 1080p (1920 x 1080) SD: NTSC / PAL			Image control	Polarity: White hot / Black hot / Various color palettes Orientation: Invert / Revert
Pan & Tilt	360° pan / +90° to -30° tilt			Focus	Automatic / manual
Ingress Protection	IP67 - Waterproof			Zoom	1x to 8x (0.1 steps)
Communications	Pelco-D, Pelco-P, CBC OCP485, Forward Vision Mic1 FV300, Philips, Vicon			FOV	13mm
Camera Warranty	2 years			Color options	Black / white

VIDEO CAMERAS

PositionIt PTZ Camera

Rugged PTZ Camera with high-powered video imaging

The PositionIt video camera provides pinpoint accuracy and high-powered video imaging options that offer enhanced safety and security. Built on Will-Burt's rugged PositionIt pan and tilt platform, the PositionIt camera system excels when subjected to the harsh conditions experienced by a mobile video system. Seamless functionality is assured with an operating system that integrates seamlessly with the elevation control system.



Specifications	Will-Burt PositionIt HD
Signal System	HD: 1080p (1920 x 1080) SD: NTSC / PAL
Communications	Pelco-D, Pelco-P, VISCA
Other Features	Dynamic Noise Reduction, Digital Image Stabilization, Intelligent Motion Detection
Available Colors	Black / White

Analog IR Camera

Stationary Surveillance Camera

Available in narrow or wide viewing angle

Aluminum Shell Side CCD Camera



Wonwoo PTZ Camera with IR HD-SDI or IP

Ideal for use in harsh environments

Surveillance and scene monitoring with IR feature

The weatherproof IR PTZ camera with pan/tilt mechanism is ideal for use in harsh environments. It incorporates a powerful 20x optical zoom lens, allowing for a zoom capacity of up to 240x when used in combination with its 12X digital zoom. The integrated Advanced BLC technology is used to improve the cameras dynamic range by 128 times, resulting in high definition image reproduction during extreme high contrast environments. HD-SDI or IP video options.



Viper HD PTZ Camera

The richest viewing experience possible

IP H.264 Video Encoding

The Viper High Definition Pan/Tilt/Zoom Camera provides high resolution broadcast video with a notably sharper, crisper and clearer picture. Features that include Hydrophilic "self cleaning" glass window, Wide Dynamic Range (WDR), Electronic Image Stabilization, and DeFog deliver a consistent image regardless of environmental conditions.



Specifications	Will-Burt PositionIt HD		WONWOO	Viper HD
Camera Type	PTZ HD-SDI	Analog	PTZ - SDI or IP w/Infrared Illuminator	PTZ - IP High Definition
Lens	4.25mm to 170.0mm	8mm / 2.8 mm	4.7mm - 94.0mm	4.3mm - 139.0mm
Image Sensor	2.12MP 1/2.8" type CMOS sensor	Sharp CCD	1/3" 2.2M Pixel CMOS Sensor	2MP CMOS High Definition
Resolution	1920 x 1080	510 x 492 / 420 TV lines	1920 x 1080 pixels - 1080p	1080 x 720
Optical Zoom / Digital Zoom	40x / 32x	Fixed	20x / 12x	30x / 10x
Low Light	Color 0.01 lux / Mono 0.002 lux	0 LUX with 10 IR LED's	0.0005 LUX with 12 IR LED's / 120m	N/A
Pan & Tilt	360° continuous pan / +90° to -90° tilt	No	360° endless pan / 15° - 270° tilt	360° endless pan/tilt
Ingress Protection	IP68 waterproof	IP67 - Waterproof	IP66 - Outdoors	IP67 - Waterproof
Camera Warranty	2 years	1 years	1 years	3 years

VIDEO CAMERA CONTROLLERS

Pelco-D Compatible Controller with LCD screen

The Pelco-D compatible handheld controller with LCD screen has all of the features necessary to optimize the performance of the PositionIt positioner. Precision joystick controller flawlessly controls the pan and tilt functions. Includes LCD screen, keyboard and programmable presets that simplify operation. The positioner handheld controller can also be optionally used in conjunction with the pan and tilt positioner controller.



Input Voltage	12 V DC
Communication Interface	RS485
Operating Temperature	32°F to 122°F / 0°C to 50°C
Dimensions	6.6 x 5.4 x 4.2 in. / 168 x 136 x 105 mm

Wonwoo PTZ Mini Controller Works with all Wonwoo models

- 3-Axis joystick control of PTZ functions
- Preset position control (4 positions)
- IR ON / OFF button
- Fan & heater ON / OFF function
- Slave keyboard support



WONWOO

Viper PTZ Multi-function Desktop Controller

Works with all Viper models

- Three axis proportional joystick for precise control of PTZ functions
- Bright OLED display
- Simple setup of presets and tour functions
- Supports Viper field firmware upgrades



POSITIONER CONTROLLER

Works with Will-Burt Mobile and Static Positioners

The 19-inch (2U) Rack Mount Positioner Controller from Will-Burt is loaded with new features. You will always know the status of the positioner with real-time positional, speed, and status feedback. Control multiple positioners and third-party equipment with a single controller. This controller is optimized for positioners with stow and deploy buttons located on the front panel.



The latest Positioner Controller from Will-Burt will simplify deployment and operation of communications and video equipment.

Essential Features

- LCD Home Screen displays real-time positioner information
- LCD Selector Menu provides additional control functionality
- Control third-party equipment through (7) digital discrete outputs with USB and RS-485 inputs
- Control multiple positioners in single system through address selection
- Positioner control with front panel directional push buttons and configurable 'Stow' and 'Unstow' presets
- Pelco-D over RS-485 half-duplex output to positioner
- 100-240VAC input voltage with 24VDC output voltage to positioner

Specifications

Input Voltage	100-240VAC
Output Voltage	24VDC
Communication Interface	Pelco-D over RS-485 half-duplex at 2400 bps
Operating Temperature	32°F to 122°F / 0°C to 50°C
Dimensions	19 x 3.5 x 11.7 in. / 48.26 x 8.81 x 29.8 cm
Weight	6.6 lbs. / 3kg



MOBILE VIDEO RECORDING

Hybrid Mobile DVR

Will-Burt offers mobile DVRs that cover virtually every need and budget. From simple SD card recording with simultaneous viewing on a quad LCD screen to robust hybrid DVRs that can accept nearly any video signal and record and output in HD resolution.

Our full-featured Hybrid DVRs can accept signals in IP digital, HD-SDI and analog format. Multiple ports for each ensure that you will have full recording capabilities for all of the cameras on your vehicle or command center. An internal 4TB HDD captures all of the data and a 2TB SSD (solid-state drive) option is available. Wi-Fi N and a cellular modem enable instant transmission from the scene. Several other features round out the robust Hybrid DVR capabilities.



Specifications	5478103 / 5478105	5478104 / 5478106
2.5" Internal Drive	4TB HDD 5478103 / 2TB SSD 5478105	4TB HDD 5478104 / 2TB SSD 5478106
Total Channels	9	9
IP-CAM Channels	4	4
Maximum incoming bandwidth for IP-CAM	40Mbps	40Mbps
HD-SDI Channels	1	1
Analog Channels	4	4
Max. Record/Playback capabilities:	IP-CAM: 120/100fps@1080p/720p	
	HD-SDI: 25fps@1080p, 60/50fps@720p	
	Analog: 120/100fps@960H/D1/Half-D1/CIF	
WiFi: Compliant 802.11b/802.11g/802.11n/802.3/802.3u	Yes	Yes
WiFi and USB support for remote access, with dual streaming support	Yes	Yes
Cellular Modem Carriers	AT&T	Non-AT&T
Hegaplex operation: Simultaneous Recording, Playback, Backup, Control and Remote Access	Yes	Yes
Smart Search & Playback	Yes	Yes
VGA/CVBS output with 3-D de-interlace & de-noise for best picture quality with resolution up to 1920 x 1080	Yes	Yes
Up to 4 alarm inputs, car speeding pulse input, car engine revolution signal input	Yes	Yes
Built-in G sensor for alarm of acceleration, brake, left/right turn	Yes	Yes
Built-in GPS to support Google Earth and Google Maps	Yes	Yes
Ethernet: (2) 10/100 Mbps, RJ45, auto MDI/MDIX/MDIX	Yes	Yes
Operating Voltage	10V DC - 35V DC / Max possible amp draw 3.8 amps (Typ.: 12V DC @ 1.8 amps)	
Weight	5.5 lbs. / 2.5kg	
Case Dimensions	7.1" wide x 2.5" high x 9.1" deep / 180mm wide x 63mm high x 229mm deep	

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 idea 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.



Essential Features

- 7" Quad Screen DVR Color LCD Monitor
- Display resolution (H x V): 800 x 480 pixels (RGB)
- Up to 32GB SD Card Storage
- 4-channel video input: 1.0Vp-p, 75Ω
- DVR video resolution: 800 x 600 / 720 x 480/640 x 480/320 x 240
- DVR video frame: 20fps at 800 x 600, 30fps at 720 x 480, 30fps at 640 x 480, 60fps at 320 x 240 pixels

POSITIONIT®

FOR MOBILE APPLICATIONS

Introducing the new PositionIt range of positioners with improved, next-generation control electronics and software while retaining the rugged reliability of the original PositionIt range. The new PositionIt series is dimensionally and electrically identical to the first generation with fully backwards compatible electronics and software. Improved motor control is assured with higher resolution speed control, slower minimum speeds, and user adjustable minimum speeds and speed ramps. The new GUI for configuring and commissioning allows users to set and adjust many features that were originally factory set only. It also boasts many new features such as the ability to receive positional feedback, set home position and limit stops and fault diagnostics.



Essential Features

- Designed, Manufactured, and Tested to excel in Mobile Applications
 - Hardened metal gears
 - MIL-STD 810 certified by independent laboratory
- Strong lightweight construction
 - Die-cast aluminum housing
 - Stainless steel fasteners
- New Graphical User Interface (GUI)
 - Greater level of control with user set features
 - Faster set-up
 - Positional feedback
- More precise than ever
 - Higher level of motor control
 - Greater positional accuracy
- Regenerative Braking
 - On motor shaft
- Flexible Connection
 - Bottom or side
- Universal mounting plate
 - Suitable for most common payloads
- Pelco-D over RS-485 Communications
- Weather-proof
 - IP 68 Rated
- Long Operational Life
 - 2-year warranty
- Backwards compatible



Specifications

Model	PI-150	PI-75	PI-35
Payload Capacity* (ft.-lb. / Nm)	150 / 202	75 / 101	35 / 47
Height (in. / mm)	11.32 / 287.7	11.32 / 287.7	9.7 / 246
Width (in. / mm)	12.4 / 314	9.21 / 234	10.8 / 273
Depth (in. / mm)	6.8 / 171	6.8 / 171	5.7 / 144
Weight (lb / kg)	37 / 16.8	35 / 16	19.5 / 8.9
Temperature Range (°F / °C)	-40 to 60 / -40 to 140		
IP Rating	IP68 - Waterproof (immersion) and Dustproof		
Pan Axis	400° (± 200°)		
Pan Speed (proportional)	0.02 to 6.5° / second		1° to 12° / second
Tilt Axis	180° (± 90°)		
Tilt Speed (proportional)	0.02 to 5.5° / second		1° to 12° / second
Backlash	≤ 0.15°		
Repeatability	≤ 0.3°		
Maximum Continuous Power	44 W		
Maximum Running Current	1.85 amps		
Input Voltage	24 VDC - Converters available for 12 VDC and AC power sources		

*Capacity measured at 12 inches or less from the tilt axis. Dimensions and weights are for reference only and are subject to change. Contact Will-Burt for current engineering specifications.

ACCUPoint[®]

CONTINUOUS ROTATION



Introducing the AccuPoint Continuous Rotation range of positioners for static mount applications, maintaining everything that was great about the AccuPoint range but now with Continuous Rotation capability. The AccuPoint Continuous Rotation Range utilizes a high-quality slip ring capable of transmitting high-definition 3G-SDI video signals. The AccuPoint Continuous Rotation positioners provide high positional accuracy and are easier to use than ever. With a greater level of motor control, your surveillance capability will be at its highest and antenna accuracy will be precise. Supplied with a simple graphic interface (GUI), it is now easier to configure allowing faster installation times and more capabilities to fulfill your specifications. Know the exact pointing location of your device with positional feedback and adjust it easily to the direction needed.

Improved motor control is assured with higher resolution speed control, slower minimum speeds, and user adjustable minimum speeds and speed ramps. The new GUI for configuring and commissioning allows users to set home positions, receive position feedback, and adjust many other features that were originally factory set standards. Rugged and robust as ever before, AccuPoint can withstand the harshest weather conditions.

Available in three sizes, all units can be configured for over-the-top or side mount operation.

Essential Features

- Continuous Rotation pan operation.
- High Quality slipring with 3G-SDI video transmission capability.
- Backwards compatible
- Greater level of control with user set features
- Faster setup
- Higher level of motor control and greater positional accuracy
- Positional feedback
- Rugged and robust
- Pelco D over RS485 Communications
- IP68 Rated
- 3-year warranty

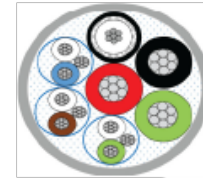


Image to show twisted pair data cables for clarity with pin-out table

Connector Face

Specifications	AP CR-50	AP CR-30	AP CR-8
Mounting Option	Over The Top	Over The Top	Over the Top
Height (Standard) (in. / mm)	15.0 / 381.6	13.4 / 341.2	11.2 / 283.5
Platform Width (in. / mm)	9.2 / 234	7.8 / 197	5.8 / 147
Total Width (in. / mm)	9.6 / 243.6	8.2 / 207.5	6.2 / 158
Depth (without plugs) (in. / mm)	7.1 / 179	5.9 / 151	5 / 129
Weight (lb. / kg)	38.6 / 17.5	21.9 / 9.9	7.5 / 3.4
Voltages	24 VDC - Converters available for 12 VDC and AC power sources		
Pan Gear Box Speed (Max)	30°/sec	48°/sec	24°/sec
Tilt Gear Box Speed (Max)	10°/sec	12°/sec	6°/sec
Capacity (ft-lb)	50	30	8
Pan Range	Continuous	Continuous	Continuous
Tilt Range	+90° / -45°	+90° / -45°	+90° / -45°
Backlash	≤ 0.15°	≤ 0.15°	≤ 0.15°
Repeatability	≤ 0.3°	≤ 0.3°	≤ 0.3°
Ingress Protection	IP68	IP68	IP68
Temperature Range (°F / °C)	-40 to 140 / -40 to +60	-40 to 140 / -40 to +60	-40 to 140 / -40 to +60
Maximum Continuous Power	44 W	44 W	44 W
Max Current Draw	1.85 A	1.85 A	0.85 A
Protocol	RS485 / Pelco D	RS485 / Pelco D	RS485 / Pelco D
Absolute Positioning	Yes	Yes	Yes
Positional Feedback	Yes	Yes	Yes
Application	Static Mount	Static Mount	Static Mount
Housing Color	Grey	Grey	Grey
Addresses	User Set via GUI	User Set via GUI	User Set via GUI

Cable Assembly Specification	
Connector Type	Circular Connector, 12 Way
Cable Type	10 Core Composite Cable
Voltage Rating	24v
Max Current Rating	3A
Temperature Range	-40°F to +80°C
Ingress Protection	IP68 Connector

Pin-Out & Flying Lead Assignment		
Pin No.	Wire Ident / Colour	Assignment
A	N/A	N/A
B	Red	+V
C	Black	-0V
D	Green	Ground
E	White/Brown	AUX Data
F	Brown	AUX Data
G	White/Yellow	Data B
H	Yellow	Data A
J	White/Blue	AUX Data
K	N/A	N/A
L	COAX	COAX
M	Blue	AUX Data

AccuPoint™

FOR STATIC APPLICATIONS

Introducing the AccuPoint range of positioners, retaining everything that was great about the original static mounted range but now includes our improved next generation control electronics.

The AccuPoint series is dimensionally and electrically identical to the first generation of Will-Burt positioners with backwards compatible software. Improved motor control is assured with higher resolution speed control, slower minimum speeds, and user adjustable min speeds and speed amps. The new GUI for configuring and commissioning allows users to set home positions, receive position feedback, and adjust many other features that were originally factory set standards. Rugged and robust as ever before, AccuPoint can withstand the harshest weather conditions.



Essential Features

- Backwards compatible
- Faster setup
- Positional feedback
- Greater level of control with user set features
- Rugged and robust
- IP68 Rated
- Pelco D over RS485 Communications
- Higher level of motor control and greater positional accuracy
- 3 year warranty



Specifications

	AP-50		AP-30		AP-8	
	Side Mount	Over the Top	Side Mount	Over the Top	Side Mount	Over the Top
Height (Standard) (in. / mm)	9.3 / 235.1	9.8 / 248.1	7.4 / 187	8 / 204	5.2 / 131	5.8 / 146.2
Platform Width (in. / mm)	7 / 177.2	9.2 / 234	7 / 178.7	7.8 / 197	6.4 / 162.1	5.8 / 147
Total Width (in. / mm)	15.8 / 400.9	9.6 / 243.6	14.6 / 369.8	8.2 / 207.5	12.2 / 309.5	6.2 / 158.1
Depth (without plugs) (in. / mm)	7 / 17	7 / 177	6 / 152.8	5.9 / 149.64	5.2 / 132	5 / 127
Weight (lb. / kg)	< 27.4 / 12.45	< 29.7 / 13.5	< 14.55 / 6.6	< 14.7 / 6.7	< 5.5 / 2.5	< 5.07 / 2.3
Voltages	24 VDC - Converters available for 12 VDC and AC power sources					
Pan Gear Box Speed (Max)	30°/sec		48°/sec		24°/sec	
Tilt Gear Box Speed (Max)	10°/sec		12°/sec		6°/sec	
Capacity (ft.-lb.)	50		30		8	
Pan Range	±180°		±180°		±180°	
Tilt Range	±90°	+90° / -45°	±90°	+90° / -45°	±90°	+90° / -45°
Backlash	0.15°		0.15°		0.15°	
Repeatability	< 0.3°		0.3°		< 0.3°	
Ingress Protection	IP68		IP68		IP68	
Temperature Range (°F / °C)	-4 to 122 / -20 +50		-4 to 122 / -20 +50		-4 to 122 / -20 +50	
Max Current Draw	1.85 A		1.85 A		0.85 A	
Protocol	RS485 / Pelco D		RS485 / Pelco D		RS485 / Pelco D	
Absolute Positioning	YES		YES		YES	
Positional Feedback	YES		YES		YES	
Application	Static Mount		Static Mount		Static Mount	
Housing Color	Grey		Grey		Grey	
Addresses	User Set via GUI		User Set via GUI		User Set via GUI	

MAINTENANCE FREE ALL-WEATHER CAMERA HOUSINGS

Made to a proven, traditional design, the Mitre range of environmental camera housings are extremely compact yet spacious enough (particularly the new 903) to accommodate larger camera/lens combinations.

Broadening the range of applications to include corrosive and clean environments, Small (901) and Medium (900) aluminium cased housings cases are now available in 316 stainless steel (801 and 800).

Toughened glass and stainless steel fittings/fastenings ensure long operational life and two entry glands and a grommetted hole are provided for efficient cable management to secure the units' IP66 integrity.

A deep base allows the fitting of an optional integral wiper which incorporates a micro switch for self-parking. Standard accessories include an extended camera plate, steel safety strap and wiring distribution block. A PTC resistor heater with progressive performance is also provided which eliminates the need for a thermostat and when the heat's on, optional double skinned sunshields are available for all models. The roomy new 903 (standard length) can even be supplied with a fan cooled sunshield which draws air through the housing to prevent overheating in extreme conditions.



Essential Features

- Uncompromising construction
 - Lightweight sheet aluminium or 316 stainless steel casing and tray
- New 903 series
 - Extra height and width as standard plus short and integral cooling fan versions
- Deep bottom tray
 - Suitable for housing integral wiper or accessories such as receivers or RFTX's & Rx's
- Built to last
 - Stainless steel fastenings
- Weatherproof
 - Sealed to IP rating 66
- Accessories
 - Extended paxolin camera plate and stainless steel safety strap
- PTC Resistor heater
 - Progressive performance without the need of a thermostat (available on request)
- Cable management
 - Two entry glands at 20mm and one hole at 25mm for Kopex or Adaptaflex
- Integral wiper option
 - Micro switch self parking wiper with blade toggle action

Specifications

Specifications	901	900	903 Standard	903 Short	902
Height (in. / mm)	7.6 / 192	9.1 / 230	9.5 / 242	9.5 / 242	10.2 / 259
Width over clips (in. / mm)	6.2 / 156	7.1 / 180	9.1 / 230	9.1 / 230	9.1 / 232
Width over sunshield (in. / mm)	6.0 / 151	6.9 / 174	8.9 / 227	8.9 / 227	9.2 / 233
Length over sunshield (in. / mm)	17.0 / 430	23.6 / 600	24.4 / 620	15.3 / 388	30.0 / 760
Depth inside base (in. / mm)	2.2 / 55	2.2 / 55	2.3 / 57	2.3 / 57	2.2 / 55
Weight (Aluminium without wiper) (lb. / kg)	< 5.5 / 2.5	< 7.7 / 3.5	15.4 / 7	8.8 / 4	< 13.2 / 6.0
Weight (Aluminium with wiper) (lb. / kg)	< 6.6 / 3.0	< 8.8 / 4.0	16.5 / 7.5	9.9 / 4.5	< 14.3 / 6.5
Weight (316 stainless without wiper) (lb. / kg)	10.4 / 4.7	18.1 / 8.2	N/A	N/A	N/A
Weight (316 stainless with wiper)	TBA	TBA	N/A	N/A	N/A
Fixing centres					
Base	4 holes tapped M6 on 101.6 PCD (4") square to base				
Platform	4 slots 7.0 wide x 25 long in 225 long Paxolin or aluminium (903 units) plate (1 x ¼" UNC hex screw supplied)				
Voltage	24VDC nominal				
Capacity (l x w x h) (in. / mm)	13.0 x 4.5 x 4.3 / 330 x 114 x 110	20.1 x 5.5 x 5.7 / 510 x 140 x 145	19.9 x 7.0 x 6.6 / 505 x 178 x 167	10.8 x 7.0 x 6.6 / 273 x 178 x 167	25.6 x 7.1 x 6.7 / 650 x 180 x 170 mm
Options (all models)	Integral self parking wiper, internal fan, washer, thermostat, double skinned sunshield				
Heater	Progressive up to 32W				
Wiring and connections (in. / mm)	Single row (double row with fan option), 12 way terminal block(s), .08 x .79 / 2 x 20 cable glands plus blanked, .98 / 25 hole for Kopex or Adaptaflex				
Recommended cable	16/0.2 (rated at 230V for mains versions)				
House color (900 series)	Grey				
Temperature Range (°F / °C)	-4 to 122 / -20 to +50				

INTEGRATED VIDEO SYSTEMS

Will-Burt's video systems have been designed for integration into the wide variety of elevation and light tower solutions. Video solutions have been specifically designed for many industries such as Fire and First Responders, Broadcast, Security, Police, Towing, Oil and Gas, Mining and Construction. Will-Burt can also design custom packages to meet your unique requirements.



Inflexion™
Roof-Mount, Fold-Down Mast



Hurry Up
Portable, Push Up Mast



GEROH KVL
Robust, Crank Mast



Night Scan® HDT
Heavy-Duty Towing Light Tower

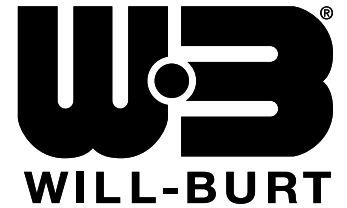


Night Scan®
Command Center Application



Night Scan®
Light Tower with Camera

CONTACT YOUR SALES REPRESENTATIVE TODAY



Contact Us
Complete a Contact Form

**WILL-BURT NORTH AMERICA
WORLD HEADQUARTERS**

401 Collins Boulevard, Orrville, OH USA 44667
Telephone: +1 330 682 7015
Mast Customer Service: +1 330 684 4000
Fax: +1 330 684 1190
Email: info@willburt.com

**WILL-BURT ASIA
SINGAPORE SALES OFFICE**

1 Fullerton Road, #02-01 One Fullerton,
Singapore 049213
Telephone: +65 6832 5689
Fax: +65 6722 0664 / Email: info@willburt.com

**INTEGRATED TOWER SYSTEMS
A WILL-BURT COMPANY**

2703 Dawson Road
Tulsa, OK 74110
Telephone: +1 800 850 8535
Fax: +1 918 749 8537
Email: programs@itstowers.com

**WILL-BURT
GERMANY**

Fischergasse 25
D-91344 Waischenfeld, Germany
Telephone: +49 9202 180
Fax: +49 9202 1811
Email: info@willburt.com

**WILL-BURT
TÜRKİYE**

Ahi Evran OSB Mahallesi,
Nahcivan Caddesi, No: 8/2, Sincan, Ankara 06935
Telephone: +90 535 662 9060 / Fax: +90 312 502 6970
Email: info@willburt.com

**WILL-BURT
UNITED KINGDOM**

Unit 5b, Station Approach
Four Marks, Alton Hampshire, GU34 5HN,
United Kingdom
Telephone: +44 (0) 1403 265532
Fax: +44 (0) 1403 259072 / Email: info@willburt.com

**CLARK MASTS
A WILL-BURT COMPANY**

18-20 Ringwood Road, Binstead, Isle of Wight, PO33 3PA, England
Telephone: +44 (0) 1983 563691/567090
Fax: +44 (0) 1983 566643/811157
E-mail: sales@clarkmasts.com

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 mobile payload elevation and integration solution for defense, government, first responders, cellular and mobile, broadcast, energy production and other markets. Will-Burt also offers contract manufacturing, metal fabrication, powder-coating, and rapid prototyping services. Will-Burt is an international company with offices and manufacturing in the USA, England, and Germany along with offices in Singapore and a joint venture in Turkey. 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.