



## NIGHTSCAN MOBILE/ PORTABLE LIGHT TOWERS



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## Why You Need a Night Scan Light Tower

Safety is the number one requirement when answering a call and nighttime operations create an even bigger challenge. Night Scan light towers create a safer work environment by lighting the scene from above, like natural daylight.

Overhead lighting reduces glare for oncoming traffic and does not blind the crew. Night Scan light towers allow you to customize light intensity and coverage by stopping the tower at any height before it is fully extended. Installation flexibility is delivered with three lightweight options; roof-mounted to the apparatus, internally installed extending through the roof or mounted externally to the vehicle.

All Night Scan light towers meet or exceed all NFPA 1901-16 requirements. The Made in the USA, maintenance-free design operates in nearly any environment - from dusty, hot deserts to -22°F, snowy conditions. The Powerlite dual-tilt light option allows you to illuminate 360° of the scene by equally distributing light front and back.

The nearly limitless options of Night Scan ensures that it will meet the needs of your department. Hilly terrain or tall buildings might require a light tower of 30 feet with six high-powered lamps. Small vehicles might be better suited with a 3.25 foot Night Scan Chief model with two lamps. The towers can accommodate any vehicle's electrical system with LED lamps from the best brands - FRC, Whelen, Night Scan and Will-Burt.

The always upright design of Night Scan provides the best platform for adding optional beacon lamps or video cameras. Video cameras can be used for scene recording, training or remote monitoring of operations. Will-Burt has a full range of video options from simple, fixed lens cameras to high-definition and thermal imaging PTZ cameras.

Choose Night Scan and operate under the safest nighttime conditions, because You Need Light Every Night!

**nightscan®**  
by Will-Burt



Standard color white.

Black option for additional Charge.

## Selecting the Night Scan That is Best For You

1. Review your total height requirements. If your terrain is hilly or there are tall trees or buildings, you might want a taller tower, up to 30 feet. Remember that the mounting location will add height as well. Night Scan platforms are available from 3.25' to 30'.

2. How much space is available for the light tower? If ample roof space is available; a lightweight, compact, folding, roof-mounted tower is a good option. If space is tight, a through the roof vertical light tower or side mounted vertical tower might be the best option.

3. How much light do you need? 2, 4, 6 or 12 LED lamp options are available. Total lumens can reach 240,000.

4. What type of electrical system is available? 12 and 24 DC options are available for vehicle electrical systems and 120 and 240 AC options are available for vehicles that have on-board generators.

5. Select the tower remote control that is best for your needs. Wired controllers, panel-mount controllers and wireless controllers are available.

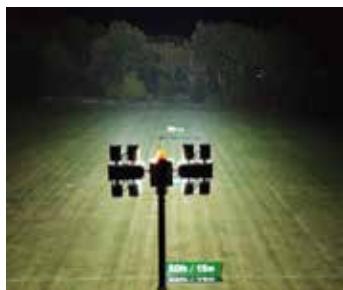
6. Want total control? Select Night Scan IQ with Atherion IQ Adjustable LED Scene Lights.

7. Last, what options are needed? Warning beacons and video cameras are available on most Night Scan light towers.

See page 14 for the tower and light options or visit <http://www.willburt.com/support/support-center/ez-spec/> for options and downloadable specifications.



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## NIGHTSCAN LIGHT TOWERS



## NIGHT SCAN FIT

The Night Scan Fit is a fully capable light tower with powerful LEDs to illuminate your work without blinding your crew. The lightweight design and narrow footprint allows the tower to be installed on your apparatus. A remote-controlled positioner puts the light where you need it regardless of your apparatus' position and most importantly, it turns night into day, helping to keep your crew safe.

- Narrow - less than 16" with WB 140 lights
- Lightweight - less than 100 pounds with WB 140 lights
- Directs powerful LED light where you need it, regardless of the apparatus' position
- Easy to install, Self-contained system only requires 12V power



lightweight design and narrow footprint allows the tower to be installed on your apparatus



Night Scan Fit	WB 140	X200
Height Extended [ft. / m]	3.25 / 1.0	7.5 / 2.3
System Weight Range [lb. / kg]	94 / 43	110 / 50
Auto Deploy and Auto Stow®	Yes	Yes
Time to Light	5.5 seconds	8 seconds
Number of Lights Available	4	4
Light Type Available	LED	LED
Maximum Lumens	56000	80000
Full Pan and Tilt Light Positioning	Yes	Yes
Opposable Light Fixtures	No	No
VDC / Watts Maximum	12 or 24 / 200	12 or 24 / 500
VAC / Watts Maximum	N/A	N/A
Profiler - Space-Saving Fixture Option	Yes	Yes
D-TEC® Power Line Detection System Option	No	No
Beacon Light Option	Yes	Yes
Camera Option	No	No
Color Option	Standard Color White. Black Option for Additional charge.	
*Wind Speed Survival [mph / km/h]	140+ / 225+	140+ / 225+
Operating Temperature [°F / °C]	-22 to +149 / -30 to +65	

\*Varies depending on light package - 125% NFPA Safety Factor

## NIGHTSCAN LIGHT TOWERS



# NIGHT SCAN CHIEF



The Will-Burt Night Scan® Chief is a roof-mounted, fold-down light tower which requires no interior vehicle space. It is typically used on medium-size rescue, pumper rescue, service and utility vehicles. The Night Scan® Chief features a self-contained air system [no external air supply needed] and is available with all DC [12V/24V DC] operations in which generator or inverter is not required.



Roof-mounted,  
fold-down light  
tower requires  
no interior  
vehicle space



<b>Night Scan Chief</b>	<b>1.0</b>	<b>1.8</b>	<b>2.3</b>
Height Extended [ft. / m]	3.25 / 1	6 / 1.8	7.5 / 2.3
System Weight Range [lb. / kg]	97 / 44 - 135 / 61		
Auto Deploy and Auto Stow®	Yes	Yes	Yes
Time to Light	5.5 seconds	8 seconds	10 seconds
Number of Lights Available	2 or 4	2 or 4	2, 4 or 6
Light Type Available	LED	LED	LED
Maximum Lumens	80000	140000	140000
Full Pan and Tilt Light Positioning	Yes	Yes	Yes
Opposable Light Fixtures	No	No	No
VDC / Watts Maximum	12 or 24 / 500	12 or 24 / 640	12 or 24 / 920
VAC / Watts Maximum	120 or 240 / 6000	120 or 240 / 6000	120 or 240 / 6000
Profiler - Space-Saving Fixture Option	Yes - 2 or 3 lights	Yes - 2 or 3 lights	Yes - 2 or 3 lights
D-TEC® Power Line Detection System Option	No	No	No
Beacon Light Option	Yes	Yes	Yes
Camera Option	Yes	Yes	Yes
Color Option	Standard Color White. Black Option for Additional charge.		
*Wind Speed Survival [mph / km/h]	140+ / 225+	140+ / 225+	114 - 140 / 184 - 225
Operating Temperature [°F / °C]	-22 to +149 / -30 to +65		

\*Varies depending on light package - 125% NFPA Safety Factor

## NIGHTSCAN LIGHT TOWERS



## NIGHT SCAN POWERLITE

The Will-Burt Night Scan® Powerlite is a roof-mounted, fold-down light tower which requires no interior vehicle space. It is typically used on heavy-rescue vehicles, mobile command centers and airport ARFF vehicles. Opposable light fixtures provide equal lighting forward and backward at the same time - 360° of light. Delivering up to 240,000 lumens, the Night Scan® Powerlite is ideal on any vehicle where maximum light is required. The Powerlite 3.0 and 4.5 can be elevated with truck air or optional on-board compressor. The 2.3 comes with a built-in compressor.



Roof-mounted, fold-down light tower  
requires no interior vehicle space



Available with  
Night Scan IQ Intelligent  
Light Tower System



Night Scan Powerlite	2.3	3.0	4.5
Height Extended [ft. / m]	7.5 / 2.3	10 / 3.0	15 / 4.5
System Weight Range [lb. / kg]	139 / 63 – 178 / 81		
Auto Deploy and Auto Stow®	Yes	Yes	Yes
Time to Light	8 seconds	12 seconds	14 seconds
Number of Lights Available	4	4, 6, 8 or 12	4, 6, 8 or 12
Light Type Available	LED	LED	LED
Maximum Lumens	120000	240000	240000
Full Pan and Tilt Light Positioning	Yes	Yes	Yes
Opposable Light Fixtures	Yes	Yes	Yes
VDC / Watts Maximum	12 or 24 / 920	12 or 24 / 1380	12 or 24 / 1380
VAC / Watts Maximum	N/A	120 or 240 / 9000	120 or 240 / 9000
Profiler - Space-Saving Fixture Option	No	Yes - 2 or 3 lights	Yes - 2 or 3 lights
D-TEC® Power Line Detection System Option	No	Yes	Yes
Beacon Light Option	Yes	Yes	Yes
Camera Option	Yes	Yes	Yes
Color Option	Standard Color White. Black Option for Additional Charge.		
*Wind Speed Survival [mph / km/h]	114 – 140 / 184 – 225	86 – 140 / 138 – 225	69 – 118 / 111 – 190
Operating Temperature [°F / °C]	-22 to +149 / -30 to +65		

\*Varies depending on light package - 125% NFPA Safety Factor

# NIGHT SCAN XTREME & VERTICAL COMPLETE

The Will-Burt Night Scan® Xtreme is a roof-mounted, fold-down light tower which requires no interior vehicle space. It has been designed for applications where maximum height is required, such as hilly terrain, locales with mature trees or urban areas with tall buildings. Opposable light fixtures provide equal lighting forward and backward at the same time - 360° of light. The Night Scan® Xtreme can be elevated with truck air or optional built-in compressor. When the situation requires maximum elevation, Night Scan® Xtreme is the light tower you need.

The Will-Burt Night Scan® Vertical Complete is a vertically mounted light tower which was created to be installed externally to the side or rear of a vehicle. This light tower includes an on-board compressor for elevation and requires no truck air. Used for elevating lights and/or cameras, it is perfect for smaller vehicles where space is limited. Measuring less than 6 inches [16 cm] deep, it can even fit between the cab and box. The compressor box can be placed below or beside the mast to suit your specific vehicle requirements.



Xtreme

Vertical Complete

<b>Night Scan Vertical</b>	<b>Xtreme 6.0</b>	<b>Xtreme 7.5</b>	<b>Vertical Complete</b>
Height Extended [ft. / m]	20 / 6	25 / 7.5	7.5 / 2.3
System Weight Range [lb. / kg]	161 / 73 - 199 / 91	161 / 73 - 199 / 91	70 / 32 - 85 / 39
Auto Deploy and Auto Stow®	Yes	Yes	Yes
Time to Light	17 seconds	21 seconds	10 seconds
Number of Lights Available	2, 4 or 6	2 or 4	2 or 4
Light Type Available	LED	LED	LED
Maximum Lumens	210000	140000	140000
Full Pan and Tilt Light Positioning	Yes	Yes	Yes
Opposable Light Fixtures	Yes	Yes	No
VDC / Watts Maximum	24 / 920	24 / 460	12 or 24 / 920
VAC / Watts Maximum	120 or 240 / 9000	120 or 240 / 6000	120 or 240 / 6000
Profiler - Space-Saving Fixture Option	Yes	Yes	No
D-TEC® Power Line Detection System Option	Yes	Yes	No
Beacon Light Option	Yes	Yes	Yes
Camera Option	Yes	Yes	Yes
Color Option	Standard Color White. Black Option for Additional Charge.		
*Wind Speed Survival [mph / km/h]	64 - 94 / 103 - 151	62 - 78 / 100 - 126	114 - 140 / 184 - 225
Operating Temperature [°F / °C]	-22 to +149 / -30 to +65		

\*Varies depending on light package - 125% NFPA Safety Factor



## NIGHT SCAN IQ INTELLIGENT LIGHT TOWER SYSTEM

### You Adapt to Every Emergency Scene, Shouldn't Your Light Tower do the Same?

Night Scan IQ delivers ultimate control over your scene lighting. It can be programmed to deploy automatically to a specific direction and angle. Night Scan IQ always knows where it is directed in relation to your apparatus and displays this graphically on the 4.3" LCD screen. Flexibility is built-in with easy to change settings and real-time feedback. Night Scan IQ is Smart Illumination.



- Programmable positioning
- Graphical User Interface
- Simple to operate and program
- System status feedback
- Panel Mount - optional tethered controller
- Multiplex system compatible

- Available with Atherion IQ adjustable scene lights
  - 4, 6, or 8 lamps / tower
  - 30,000 lumens / lamp up to 240,000 lumens
  - Power Required - 200 watts / lamp

- 120 VAC 1.7 amps / 240 VAC .84 amps
- 12 VDC 16.7 amps / 24 VDC 8.4 amps

## NIGHTSCAN LIGHT TOWERS



Profiler Narrow  
Light Fixture  
option

## NIGHT SCAN VERTICAL

The Will-Burt Night Scan® Vertical Tower is a vertically mounted light tower which may be installed internally or externally to the side or rear of a vehicle. Used for elevating lights and/or cameras, it is typically used on heavy rescue vehicles, full-size mobile command centers, airport ARFF vehicles and large wreckers. Delivering up to 240,000 lumens with the Atherion IQ light package, the Night Scan® Vertical Light Tower is ideal on any vehicle where maximum light and height are required.



May be installed internally or externally to  
the side or rear of a vehicle



Available with  
Night Scan IQ Intelligent  
Light Tower System



Night Scan Vertical	5.4-17	6-20	7-25	8-30
Height Extended [ft. / m]	17 / 5	20 / 6	25 / 7.6	30 / 9
System Weight Range [lb. / kg]	103 / 47 – 145 / 66	108 / 49 – 150 / 68	113 / 51 – 155 / 70	118 / 54 – 160 / 73
Auto Deploy and Auto Stow®	Yes	Yes	Yes	Yes
Number of Lights Available	4, 6, 8 or 12	4, 6, 8 or 12	4, 6, 8 or 12	4, 6, 8 or 12
Light Type Available	LED	LED	LED	LED
Maximum Lumens	240000	240000	240000	240000
Full Pan and Tilt Light Positioning	Yes	Yes	Yes	Yes
Opposable Light Fixtures	Yes	Yes	Yes	Yes
VDC / Watts Maximum	12 or 24 / 1380	12 or 24 / 1380	12 or 24 / 1380	12 or 24 / 1380
VAC / Watts Maximum	120 or 240 / 9000	120 or 240 / 9000	120 or 240 / 9000	120 or 240 / 9000
Profiler - Space-Saving Fixture Option	Yes	Yes	Yes	Yes
D-TEC® Power Line Detection System Option	Yes	Yes	Yes	Yes
Beacon Light Option	Yes	Yes	Yes	Yes
Camera Option	Yes	Yes	Yes	Yes
Color Option	Standard Color White. Black Option for Additional Charge.			
*Wind Speed Survival [mph / km/h]	100+ / 161+	88+ / 141+	74+ / 119+	63+ / 101+
Operating Temperature [°F / °C]	-22 to +149 / -30 to +65			

\*Varies depending on light package - 125% NFPA Safety Factor

# nightscan® by Will-Burt

## Tower and LED Light Package Options



Brand	Model	Light Warranty	Lumens / Lamp**	Watts	Voltage	Amps	Fit		Chief		
							1.0	2.3	1.0	1.8	2.3
							Tower Height (ft.)			3.25	7.5
WB WILL-BURT	ATHERION™	Limited Lifetime*	30,000	200	12 / 24 120 / 240	16.7 / 8.4 1.7 / .84					
WB WILL-BURT	sirion®	Limited Lifetime*	110,000 / 6	600	12 / 24 120 / 240	50 / 25 5.5 / 2.75					
WB WILL-BURT	WB WILL-BURT 480	2	72,000 / 6	480	120 / 240	4.0 / 2.0					
WB WILL-BURT	WB WILL-BURT 300	2	45,000 / 4	300	120 / 240	2.5 / 1.3					
WB WILL-BURT	WB WILL-BURT 200	2	35,000 / 2	200	120 / 240	3.6 / 1.8			6	6	6
WB WILL-BURT	WB WILL-BURT 150	2	22,500 / 2	150	120 / 240	1.3 / .7			4	4	4
WB WILL-BURT	nightscan® X200	Limited Lifetime*	20,000	125	12 / 24 120 / 240	9.2 / 4.6 1.1 / .55	4 4	2 / 4	2 / 4	2 / 4	6
WB WILL-BURT	WB WILL-BURT 140	5	14,000	50	12 / 24 120 / 240	4.2 / 2.1 .42 / .21	4 4	2 / 4	2 / 4	2 / 4	2 / 4
FRC	SPECTRA SPECTRA MAX	Limited Lifetime*	28,000	230 336	12 24 120 / 240	19.2 9.2 2.8 / 1.4				2	2
FRC	SPECTRA	Limited Lifetime*	20,000	230	12 24 120 / 240	18.3 9.2 2 / 1				2	2
FRC	EVOLUTION®	Limited Lifetime*	20,000	160	12 24	13 6.5				2 / 4	2 / 4
WHELEN	Pioneer Plus Spot / Flood	Limited Lifetime*	20,614 20,261	150	120 12 / 24	1.3 13 / 6				2 / 4	2 / 4
WHELEN	Pioneer Plus Max	Limited Lifetime*	19,819 19,305	180 225 210	120 12 24	1.5 18.8 8.8				2	2 / 4
										2	2
										2	2 / 4

\*See manufacturer's web site for limitations of warranty.

\*\*Lumens per light manufacturer specifications - Multiply lumens by number of lamps for total lumens.

## NIGHTSCAN LIGHT TOWERS

													
Chief Profiler		Powerlite		Powerlite Profiler		Powerlite Xtreme		Vertical Complete		Vertical			
1.8	2.3	2.3	3.0	4.5	3.0	4.5	6.0	7.5	2.3	5.4	6.0	7.8	8.0
<b>Tower Height (ft.)</b>													
6.0	7.5	7.5	10.0	15.0	10.0	15.0	20.0	25.0	7.5	17.0	20.0	25.0	30.0
			4 / 6 / 8	4 / 6 / 8						4 / 6 / 8	4 / 6 / 8	4 / 6 / 8	4 / 6 / 8
			4 / 6 / 8	4 / 6 / 8						4 / 6 / 8	4 / 6 / 8	4 / 6 / 8	4 / 6 / 8
			12	12	6	6				12	12	12	12
			12	12	6	6				12	12	12	12
			12	12						12	12	12	12
			8	8						8	8	8	8
		6											
2 / 3	2 / 3	4								2 / 4			
										2 / 4			
			4 / 6	4 / 6	3	3			2	4 / 6	4 / 6	4 / 6	4 / 6
			4	4	3	3			2				
			4 / 6	4 / 6	3	3	2 / 4	2	2	4 / 6	4 / 6	4 / 6	4 / 6
			4 / 6	4 / 6	3	3			2	4 / 6	4 / 6	4 / 6	4 / 6
			4	4	3	3			2 / 4				
			4 / 6	4 / 6	3	3	2 / 4	2	2 / 4	4 / 6	4 / 6	4 / 6	4 / 6
			4	4					2				
2 / 3	2 / 3	4	4 / 6	4 / 6	3	3	4 / 6	2 / 4	2 / 4	4 / 6	4 / 6	4 / 6	4 / 6
2 / 3	2 / 3	4	4 / 6	4 / 6	3	3	4 / 6	2 / 4	2 / 4	4 / 6	4 / 6	4 / 6	4 / 6
			4 / 6	4 / 6			2 / 4	2	2 / 4	4 / 6	4 / 6	4 / 6	4 / 6
			4 / 6	4 / 6			2 / 4	2	2 / 4	4	4	4	4

\*Visit [nightscan.com](http://nightscan.com)  
to customize a light tower  
using our Night Scan  
EZ Spec interactive table



## **NIGHT SCAN AETHERION® IQ ADJUSTABLE LED LIGHTS**

Atherion IQ scene lights, combined with a Night Scan IQ light tower gives you 100% control of your scene illumination.

Each 30,000 lumen lamp has a combination of powerful spot and flood LEDs that you control from the LCD screen of Night Scan IQ.

Night Scan Powerlite Dual Tilt action allows you to control two banks of lights independently. The staging area can be washed with floodlighting by one bank of lights, delivering wide and consistent coverage. The second bank of lights can be directed at the work area such as a car accident where the Atherion IQ lights can be dialed to spotlight mode, providing pinpoint illumination allowing your team to perform the most demanding tasks.

Alert oncoming traffic to your presence by setting one or both banks of light to flash mode - you control the speed.

There are some situations where too much light is on the scene - this is no problem for the IQ system - you can dim the lights to the proper level for the situation.

The Night Scan IQ System gives you total control of your scene lighting!





The Atherion IQ gives you total control of your scene lighting. Up to 240,000 lumens of LED light can be quickly shifted from spot to floodlight or anything in between, allowing your team to perform the most demanding tasks safely and efficiently.

- Variable Illumination
  - Shift from Spot to Floodlight or anything in between
- Dimmable
  - Lower the light output for the situation
- Control Two Light Banks Independently
  - Floodlight and / or Spotlight and / or Flash
- Two light banks can be controlled independently – You Decide!
  - Flood and / or spotlight and / or Flash
  - Floodlight for staging area and Spotlight for work area
- Traffic Warning
  - Variable speed flash of one bank or two
- Available on all Night Scan IQ light towers
  - 4, 6, or 8 lamps / tower
  - 30,000 lumens / lamp up to 240,000 lumens
  - Power Required / lamp 200 watts
  - 120 VAC 1.7 amps / 240 VAC .84 amps
  - 12 VDC 16.7 amps / 24 VDC 8.4 amps



**Night Scan Sirion | 12 Lights**

## LED LAMPS

The most popular light brands are available from FRC, Night Scan, Will-Burt, and Whelen. Experience the benefits of LED scene lighting - longer life, low power consumption and rugged reliability.

The Will-Burt and Night Scan family of LED lamps are the only LED scene lights designed specifically for Night Scan light towers. These lamps are engineered to optimize the inherent benefits of Night Scan towers, producing more light, using less power, and covering larger areas. Reliable in extreme environments, the Will-Burt and Night Scan family of LED lamps deliver maximum lighting performance and will always create light throughout the mission.

### WB WILL-BURT



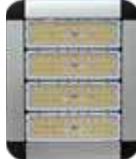
140



150



200



300



480

### WHELEN®

**Pioneer Plus™**  
Spot / Flood

### FRC

A Safe Fleet Brand



### SPECTRA

All models available in standard color white. | Black option for additional charge

## Night Scan Sirion Profiler | 6 Lights



Model	Nightscan				Will-Burt			
	Atherion	Sirion	X200	WB480	WB300	WB200	WB150	WB140
Raw Lumens Per Fixture	30,000	110,000	20,000	72,000	45,000	35,000	22,500	14,000
Maximum Tower Lumens	240,000	220,000	120,000	144,000	90,000	70,000	45,000	84,000
Optics	Spot / Flood							
Waterproof Rating	IP68	IP69K	IP69K	IP67	IP67	IP67	IP67	IP69K

All models are equipped with active thermal management.



# VALUE-ADDED ACCESSORIES

Will-Burt offers a variety of essential accessories to enhance the safety and efficiency of your crew; including beacon lights to increase visibility and mobile video systems for real-time monitoring and surveillance. Additionally, full-function remote controllers are designed for gloved hands in hazardous environments, ensuring rapid response during emergencies.

## BEACON LIGHTS

Will-Burt lighting solutions include reliable, compact beacon lights for added visibility and safety. Beacon lights feature a rugged, impact-resistant polycarbonate dome and base, exceptional fiber optics, and a double-flash power supply that automatically adjusts to function at any voltage - from 12V to 24V DC. They meet SAE J1318 Class 3 specifications and are available in LED beacons and a variety of colors: amber, blue, clear, red and green.



## REMOTE CONTROLLERS

Will-Burt offers wired and wireless full-function, simple-to-use remote controls. Designed for rugged environments and gloved hands, they can withstand the harshest weather and operating conditions.

All controllers have an emergency stop button for immediate reaction to unexpected situations. All controllers have a one button auto-deploy and auto-stow function to simplify tower operation and they also include a digital display for status feedback.

Choose from handheld tethered models or a panel-mount version. The latest Night Scan IQ Smart Control System identifies the exact light position at any time. Or, select a full-function, wireless / rechargeable remote-control system with 300' range is available for all Night Scan models. The wireless remote can also be paired with an optional tethered remote control for the ultimate in flexibility and peace of mind operation.



**IQ Panel Mount Smart Control System**

### Wired Controllers



Chief and Vertical Complete



Powerlite, Xtreme and Vertical



Optional IQ Handheld Controller  
[Must be used with IQ Panel Mount Controller]

### Wireless Controller



All Night Scan Models



Chief and Vertical Complete



Powerlite, Xtreme and Vertical



IQ Panel Mount Smart Control System

### Panel Mount Controllers



# D-TEC® LIVE POWER LINE DETECTION SYSTEM

The D-TEC® safety system provides overhead power line detection and above-the-mast illumination. The built-in high voltage, electromagnetic and electrostatic field detection system automatically stops mast extension, providing added protection for the operator and equipment. The D-TEC® safety system is available on powerlite and vertical telescoping masts.

- Dual threshold AC alert, E-Field (current) and H-Field (magnetic)
- Senses both AC current and AC voltage
- 3-axis field detection
- LED Look-Up Light
- Audible alerts
- Alphanumeric LED display
- Built-in Emergency Bypass
- Expanded self-testing features
- Factory pre-set siren and verbal warning in English and Spanish



## MOBILE VIDEO SYSTEMS

Will-Burt Night Scan® Light Towers deliver the capability of camera mounting, with or without lights. A camera, elevated to a height from 3.25 ft. to 30 ft. above the vehicle roof, allows ground personnel to survey an emergency scene quickly and efficiently. In addition, the system offers real-time monitoring and surveillance for accurate records and documentation. Will-Burt has several camera and DVR packages that fit a variety of needs. Our video solutions experts can also design a customized package to fit your specific requirements. Below is a sample of our video solutions.



Model	Infiniti Triton	Infiniti Triton	WONWOO	*Viper HD IP POE	Analog
Camera Type	HD IP POE PTZ Camera Plus IR Illuminator	HD IP PTZ Camera Plus Thermal Imager	PTZ - SDI or IP with IR Illuminator	PTZ - H.265 HD	Analog
Lens	4.8mm to 144.0mm	4.8mm to 144.0mm	4.7mm - 94.0mm	4.3mm ~ 129mm	8mm / 2.8 mm
Image Sensor	2.4MP 1/2.8" CMOS	2.4MP 1/2.8" CMOS	1/3" 2.2M Pixel CMOS Sensor	1/2.8" Exmor CMOS 2.14 Megapixel	Sharp CCD
Resolution	2MP/1080p @ 30fps [1920 x 1080]		1920 x 1080 pixels - 1080p	1080p x 720p	510 x 492 / 420 TV lines
Optical Zoom / Digital Zoom	30x / 16x	30x / 16x	20x / 12x	30x / 12x	Fixed
Low Light [LUX]	Color: 0.005 @ f/1.5   B&W: 0.0005 @ f/1.5		0.0005 with 12 IR LED's / 120m	High On: 0.00013 Mode Off: 0.0008	0 with 10 IR LED's
Pan & Tilt	H.265/H.264/MJPEG	H.265/H.264/MJPEG	360° endless pan / 15° - 270° tilt	360° continuous pan & tilt	No
Ingress Protection	ONVIF, HTTP, RTSP, RTP, TCP, UDP		IP66 - Outdoors	IP68	IP67 - Waterproof
Warranty	1 year	1 year	1 year	2 years	1 year

\*The Viper HD IP Camera must be used in conjunction with a customer supplied AC or DC power injector.

## NIGHTSCAN LIGHT TOWERS



**NEW LED LIGHTS**

**OLD HALOGEN LIGHTS**

## LED UPGRADE KITS



### New life for your trusted Night Scan light tower

Your apparatus's Night Scan light tower has been there through thick and thin, providing light on the darkest nights and most challenging scenes. You rely on it for your crew's safety and to get the job done right. But those quartz halogen lights.....

We get it, you can no longer trust those halogen bulbs, they just do not last as long as they used to. You want the latest Night Scan with all of its modern tech and those LED lights that are so bright and seem to last forever, but it's just not in the budget right now.

We have just the thing to get extra life and LIGHT out of your Night Scan, an LED Scene Light Upgrade Kit. We have an upgrade kit for nearly every Night Scan we have ever made.

Give us a call and we can help you through the simple process of upgrading your Night Scan.

Available for Do-It-Yourself or Will-Burt Factory Service installation.

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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. 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.



**Disclaimer:** Dimensions and weights are for reference only and are subject to change.  
Please contact Will-Burt for current engineering specifications.

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