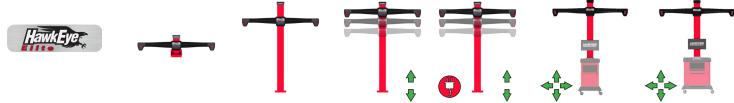
# HawkEye Elite® HE421 Series Sensors



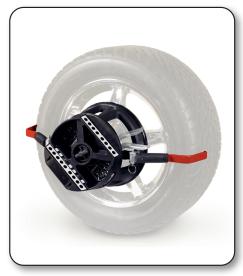
#### STANDARD FEATURES and ACCESSORIES



			•	•	*	*
	HE421WM	HE421FC	HE421ML	HE421LC	WA67x-CM	WA68x-CM
Sensor Mount Type	Wall / Ceiling Mount	Fixed Single Column Floor Mount	Manually Ad- justable Single Column Floor Mount	Electrically Adjustable Single Column Floor Mount	Manually Adjust- able Mobile Cabinet Mount	Manually Adjust- able Mobile Cabinet Mount
Power Requirements	Supplied by console	Supplied by console	Supplied by console	120/240V 2 amp, 1 ph	Supplied by console	Supplied by console
TD Targets	lacksquare	lacksquare	lacksquare	$\checkmark$	lacksquare	lacksquare
QuickGrip Adaptors	${\mathfrak S}$	lacksquare	lacksquare	$\checkmark$	lacksquare	lacksquare
Vertical Camera Adjustment			Ø	Ø	Ø	Ø
Mobile - Bay-to-Bay					lacksquare	${\mathfrak S}$
QuickComp		lacksquare	lacksquare	Ø	Ø	lacksquare
High Resolution Cameras	${\mathfrak C}$	${\mathfrak C}$	${\mathfrak G}$		$ \mathscr{O} $	${\mathfrak G}$
Customizable Lighted Sign		Ø	Ø	Ø	Ø	Ø
FIA Compatible	${\mathfrak O}$	Ø	Ø	Ø	Ø	Ø
Multiple Target Storage Configurations	Ø	Ø	Ø	Ø	Ø	Ø

#### SPECIFICATIONS / MEASUREMENTS / ADJUSTMENTS





SPECIFICATIONS				
Metal on Metal Contact	Non-Contact			
Weight of Target	6 lbs			
Profile of Target	9 in.			
Installation Time	5 seconds			
Rolling Compensation Style	Forward			
Camera Resolution	2,608 x 1,952 20,000,000 px			
Track Width	80 in.			
Wheel Base	210 in.			
Distance to Wall	66 - 107 in.			
Suggested Distance	99 in.			
Short Bay Distance (see site info)	66 in.			

ADJUSTMENTS			
Way Up Way Out WinToe	<b>⊘</b> ∗		
Wheel-Off Adjustment (WinAlian® 9 & Up)	Optional		

MEASUREMENTS					
S.A.I. & Included Angle	Ø				
Set Back	Ø				
Max Steering Angle	To Lock*				
Live Ride Height	Standard **				
Wheelbase Difference	$\bigcirc$				
Track Width Difference	Ø				
Tread Width Difference	Ø				
Lateral Offset	Ø				
Rear Set Back	Ø				
Axle Offset	Ø				
SBDA	<b>Ø</b> **				
Body Angle	<b>Ø</b> **				
Body Wheel Offset & Setback	<b>⊘</b> **				
Body Roll	<b>⊘</b> **				

## **Continued on Page 2**

<sup>\*</sup> Max steering angle and toe-out on turns measurements require optional wide-angle targets (kit 20-2511-1).

<sup>\*\*</sup> Requires Ride Height targets. Standard with WA600 consoles. Optional with WA500 consoles.

# HawkEye Elite® HE421 Series Sensors

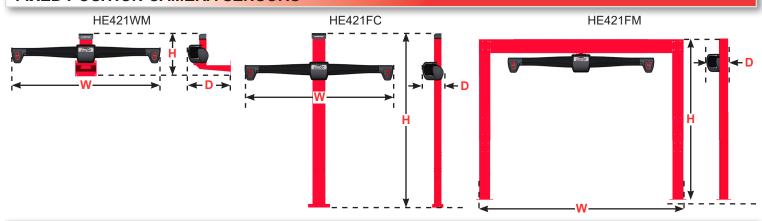


#### **DIMENSIONS / WEIGHTS**

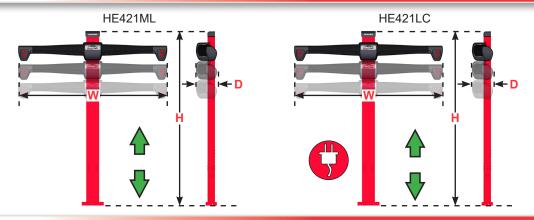
	HE421WM	HE421FC	HE421ML	HE421LC	WA67x-CM	WA68x-CM
Width (W)	105 in.	105 in.	105 in.	105 in.	105 in.	105 in.
	2667 mm	2667 mm	2667 mm	2667 mm	2667 mm	2667 mm
Height (H)	30 in.	122.5 in.	122.5 in.	122.5 in.	118 in.	118 in.
	762 mm	3112 mm	3112 mm	3112 mm	2997 mm	2997 mm
Depth (D)	15 - 30 in.*	15 in.	15 in.	15 in.	<b>25 in.</b>	25 in.
	381 - 762 mm*	381 mm	381 mm	381 mm	635 mm	635 mm
Vertical Camera Movement Range	N/A	N/A	56 - 113.5 in. 1422 - 2883 mm (from floor)	56 - 113.5 in. 1422 - 2883 mm (from floor)	60 - 95.5 in. 1524 - 2426 mm (from floor)	60 - 95.5 in. 1524 - 2426 mm (from floor)
Shipping Weight	316 lbs	442 lbs	527 lbs	465 lbs	520 lbs	610 lbs

<sup>\*</sup> Use of Wall Mount Extenion Kit adds additional 27 - 45 in. to depth.

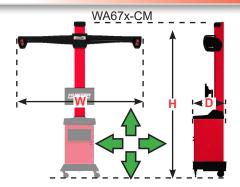
#### **FIXED POSITION CAMERA SENSORS**

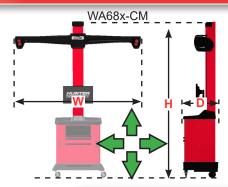


## VERTICALLY ADJUSTABLE CAMERA SENSORS



#### VERTICALLY ADJUSTABLE MOBILE CABINET CAMERA SENSORS





Continued on Page 3





#### **CONSOLE COMPATIBILITY**

	WA600 / WT600 / WA400 / WT400	WA500 / WT500 / WA300 / WT300 / WA100 / WT100	WA200 / WT200
HE421 Sensors	Ø	Ø	Ø
WinAlign® Version Required	V12.0 / V12.1	V12.1	V12.1
Additional Plus Key Required	No Additional Key Required	Kit 20-2005-1 (448-1016 V2)	No Additional Key Required

#### **INCLUDED WITH ALL HE421 SENSORS**

Quick-Change Arms



**Deep-Wheel Extensions** 



**Target Storage Brackets** 



Protective Rings for Deep Wheel Extensions



Protective Rings for Quick-Grip Adaptors



TD Targets



QuickGrip Adaptors



For aligner information visit: www.hunter.com/alignment

For local contact visit: www.hunter.com/company/findrep.cfm

For general inquiries visit: www.hunter.com or call 800-448-6848