



The AntennaMast family of lightweight, man portable tripod masts by Will-Burt, delivers optimal payload elevation through elegant design, engineered for safe and rapid deployment.

AntennaMast was designed for today's military missions. A variety of features have been incorporated to maximize the flexibility, speed and safety of sensor deployment.

Flexible and Fast

- A multitude of accessories can accommodate any payload
- Simple hand-operated pins connect accessories
- Multiple sensors can be deployed on a single mast
- Includes everything needed for deployment
- No tools or power required

Safe and Reliable

- EZ Raze payload lift can deploy up to 4 sensors & includes a built-in automatic safety brake
- Lift winch available for deploying mast tubes
- QEAM includes automatic tube section locks
- Designed, manufactured and tested by the worldwide leader in portable elevation solutions, The Will-Burt Company.

Will-Burt's engineers can create custom solutions that will be manufactured in our own ISO certified factory in Orrville, Ohio.

Specifications	AntennaMast	AntennaMast EZ Raze	QEAM HDTM 10C
Payload Capacity	45 kg / 100 lbs - 9 kg / 20 lbs	45 kg / 100 lbs - 9 kg / 20 lbs	34 kg / 75 lbs
Extended Height	2m / 6.5 ft. - 15m / 49.2 ft.	2m / 6.5 ft. - 15m / 49.2 ft.	2.4m / 8 ft. - 10m / 32.8 ft.
Guying	1 level / 4 way	1 level / 4 way	2 level / 4 way
Number of Mast Sections	1 - 15	1 - 15	5
Tube Diameter	2"	2"	11.4 cm / 4.5" - 6.4 cm / 2.5"
Tripod Weight	8.2 kg / 18 lbs	8.2 kg / 18 lbs	25 kg / 55 lbs
Mast Tube Weight	1.5 kg / 3.25 lbs	1.5 kg / 3.25 lbs	
Maximum Sail Area	6 sq. ft. @ 10m	6 sq. ft. @ 10m	6sq. ft. / 0.6msq CD=1.5
Operational Wind	91 kph @ 10m / 57 mph @ 32 ft.	91 kph @ 10m / 57 mph @ 32 ft.	97 kph / 60 mph
Survival Wind	112 kph @ 10m / 70 mph @ 32 ft.	112 kph @ 10m / 70 mph @ 32 ft.	128 kph / 80 mph
Surface Mounting	±5°slope	±5°slope	±15°slope
Deployment Time	2 - 30 minutes	2 - 30 minutes	2 persons, 8 min
Mast Deployment Method	Manual / Winch Lift	Manual / Winch Lift	Screw drive
Payload Deployment Method	Manual	EZ Raze Payload Lift with Safety Brake	Manual
Construction	Aluminum	Aluminum	Carbon Composite
Finish	Standard Black	Standard Black	Standard Black
Accessories	Guy Kit, Grounding Kit, Payload Accessory Kit	Guy Kit, Grounding Kit, Payload Accessory Kit	Guy Kit, Grounding Kit, Payload Accessory Kit
MIL-STD-810F	Yes	Yes	Yes

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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 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.



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