

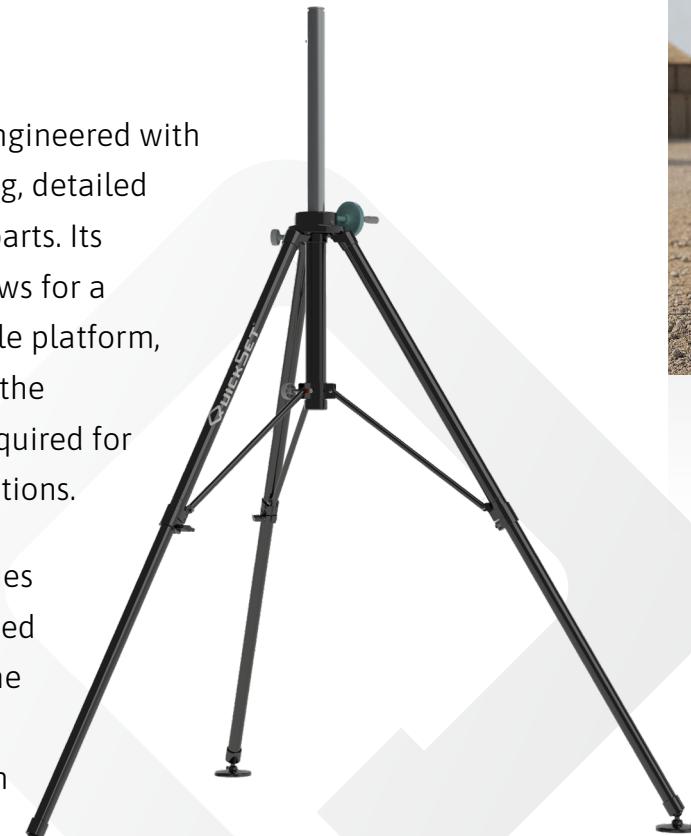
SENSOR & SURVEILLANCE SYSTEMS : **TRIPODS**

# SAMSON SERIES

## TRIPODS

The Samson Series is engineered with precision manufacturing, detailed assembly, and quality parts. Its lightweight design allows for a completely manportable platform, without compromising the incredible durability required for mission-critical applications.

With payload capabilities up to 40 lbs and anodized tubular construction, the Samson tripod is the perfect fit for any tough job requiring quick, one-man deployment.



As the leader in instrument support and positioning systems, we offer a wide variety of tripods, heads and accessories to meet the challenging demands of our industrial and military users as well as custom solutions to satisfy your unique requirements.



### KEY FEATURES

#### SYSTEM PERFORMANCE

- Payload capacity up to 40 lbs.
- Powder coated and anodized parts for resistance to harsh environments
- Adapters and heads for various payload configurations
- Exceptional torsional rigidity provides supreme payload stability
- Multiple telescoping leg sections results in small stow size
- Wide footprint for stability in high winds
- Models with columns feature rubber feet with spin-to-expose stainless spikes allowing adaptation to varying surfaces

# SAMSON SERIES : SPECIFICATIONS

## SAMSON TRIPODS



Part Number	4-73010-7B	4-73500-7B	4-74425-6A	4-73502-FB	4-74420-7B	4-74423
Description	Tripod Samson with Elevator Column	Tripod Samson with Elevator Column	Tripod Samson with Elevator Column	Tripod Samson HP Laser	Tripod Samson Microwave with Friction Head	Tripod Samson 4' with Hi Hat & Adapter
Load Capacity	40 lbs (18.1 kg)	35 lbs (15.87 kg)	40 lbs (18.1 kg)			
Max Height	76 in (193 cm)	60 in (152 cm)	76 in (193 cm)	58.6 in (148 cm)	64 in (162 cm)	59 in (149 cm)
Minimum Height	34 in (86cm)	24 in (60 cm)	35.4 in (89 cm)	22.3 in (56 cm)	40 in (101 cm)	35 in (88 cm)
Weight	10 lbs (4.5 kg)	8.5 lbs (3.6 kg)	11 lbs (4.9 kg)	11.4 lbs (5.1 kg)	15.5 lbs (7 kg)	12.5 lbs (5.6 kg)
Leg Sections	2	3	2	3	2	2
Feet	Convertible Spike/Rubber Ball	Convertible Spike/Rubber Ball	4 in (10 cm) Diameter Foot Plates	4 in (10 cm) Diameter Foot Plates	4 in (10 cm) Diameter Foot Plates	4 in (10 cm) Diameter Foot Plates
Maximum Spread (Diameter Circle)	68 in (172 cm)	47 in (119 cm)	73 in (185 cm)	53.4 in (135 cm)	76 in (193 cm)	76 in (193 cm)
Mount Type	1.75 in (4.4 cm) O.D. Column	1/4 in-20 Camera Screw	1/4 in (.63 cm)-20 Threaded Holes (2)			
Column O. D.	1.75 in (4.45 cm)	NA	NA			
Dimensions (Transport Mode)	38.6 x 7.5 in (98 x 19 cm)	24 x 10 in (61.7 x 24.7 cm)	40.7 x 9.5 in (103.3 x 24.1 cm)	25.4 x 11 in (64.5 x 27.9 cm)	45 x 10.5 in (114 x 26.7 cm)	40.7 x 10.6 in (103.3 x 26.9 cm)
Interface Description	Sleeved Head Fits Over Top of Column	4.5 x 4.5 in (11 x 11 cm) Fixed Camera Plate	Two 1/4 in (.63 cm)-20 Threaded Holes 2.374 in (6.02 cm) Distance Between			
Special Features	Groove in Column, 0.250 in (.635 cm) in Height 0.12 in (.304 cm) From Top, 1.51 in (3.835 cm) Diameter	Groove in Column, 0.250 in (.635 cm) in Height 0.12 in (.304 cm) From Top, 1.51 in (3.835 cm) Diameter	Groove in Column, 0.250 in (.635 cm) in Height 0.12 in (.304 cm) From Top, 1.51 in (3.835 cm) Diameter	Groove in Column, 0.250 in (.635 cm) in Height 0.12 in (.304 cm) From Top, 1.557 in (3.95 cm) Diameter		
Column Extends	18 in (45.7 cm)	18 in (45.7 cm)	18 in (45.7 cm)	15.1 in (38.3 cm)	No Column	No Column
Color Options	Black, Marine Grey, Olive Drab, Desert Tan (CARC)					

## SAMSON HEADS



Part Number	4-72612-S3	4-72512-3	4-72011-6B
Description	Samson Geared Head	Samson Geared Head	Samson Friction Head, Counterbalance Spring
Load Capacity	25 lbs (11.3 kg)	25 lbs (11.3 kg)	35 lbs (15.8 kg)
Elevation Range of Motion Azimuth	45° Up / 90° Down 360° Pan	45° Up / 90° Down ±15° Side-Side (Friction)	45° Up / 90° Down 360° Pan
Type of Action	Geared	Geared	Friction
Camera Plate	Fixed, 4.19 x 2.19 in (2.5 x 5.5 cm)	Fixed, 8.5 x 6.44 in (8.5 x 16.3 cm)	Fixed, 4 x 2.18 in (10.1 x 5.5 cm)
Camera Screw	1/4 in - 20	1/4 in - 20	1/4 in - 20
Mount Type	Sleeve Mount - Fits Samson 1.75 in (4.4 cm) Diameter Columns	Sleeve mount - Fits Samson 1.75 in (4.4 cm) Diameter Columns	Sleeve mount - Fits Samson 1.75 in (4.4 cm) Diameter Columns
Mount Interface Diameter	1.75 in (4.4 cm) I.D Fits Samson Columns	1.75 in (4.4 cm) I.D Fits Samson Columns	1.75 in (4.4 cm) I.D Fits Samson Columns
Clamping Mechanism	Perpendicular Screw Clamp	Perpendicular Screw Clamp	Perpendicular Screw Clamp

## SAMSON TRIPOD ACCESSORIES



Part Number	4-75750-6	4-75915	4-75912-2	4-75350-5
Description	Adapter for Samson- Accepts Herc Heads	Adapter Samson for QPT-20	Adapter Samson Laser Column Mount	Adapter Hi-Hat Bolts to Flat Surfaces
Mounts to:	Fits onto Samson Columns	Fits onto Samson Columns	Fits onto Samson Columns	Gibraltar Heads onto flat surfaces
Provides Mounting of:	Hercules Heads	4 in Square Flat Surface with 2 Hole Patterns: 4i x 0.281 in Holes on 4.75 in Bolt Circle (3.36 in Square, Fits QPT-20) 4 x 0.281 in Holes on 4.00 in Bolt Circle (2.82 in square) Includes 4- 1/4 in -20 Bolts, Nuts Washers	3.25 in Round Flat Surface with 2 Hole Patterns: 3x .204 in Holes on 2.5 in Bolt Circle 4 x 1/4 in 28 Threaded Holes on 2.5 in Bolt Circle	2 hole Patterns for Bolting to Flat Surfaces: 3 x 10-32 Tapped Holes on 4.72 in Bolt Circle 3 x 0.41 in Holes on 4.50 in Bolt Circle
Clamping Mechanism	Perpendicular Screw Clamp	Perpendicular Screw Clamp	Perpendicular Screw Clamp	



Part Number	4-65701-1	4-65901-7	4-56021
Description	Adapter Wedge Receiver to be used with 4-65901-7 (wedge plate)	Adapter Wedge Plate to be used with 4-65701-1 (wedge receiver)	Dolly, 4 in (10.16 cm) or 6 in (15.24 cm) Foot Pad 4 in (10.16 cm) Caster for Floor
Mounts to:	Various items such as Cameras	Various items such as Cameras	Fits Hercules and Gibraltar tripods with footplates
Provides Mounting of:	3 Hole Patterns for Mounting: 4x .188 hole on 7.50 x 6.50 in pattern 4x .265 in hole on 6.75 x 5 in pattern 2 x 3/8 in -16 threaded holes 3.52 in apart	Various items such as Cameras: 2 slots 2.4 in length running on center line, with two 3/8 in -16 bolts, nuts included. 1x .406 in Ø hole in center of plate 2x .266 in Ø holes, 1 in apart on centerline	Fits Hercules and Gibraltar tripods with footplates



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