

FoMa Antares

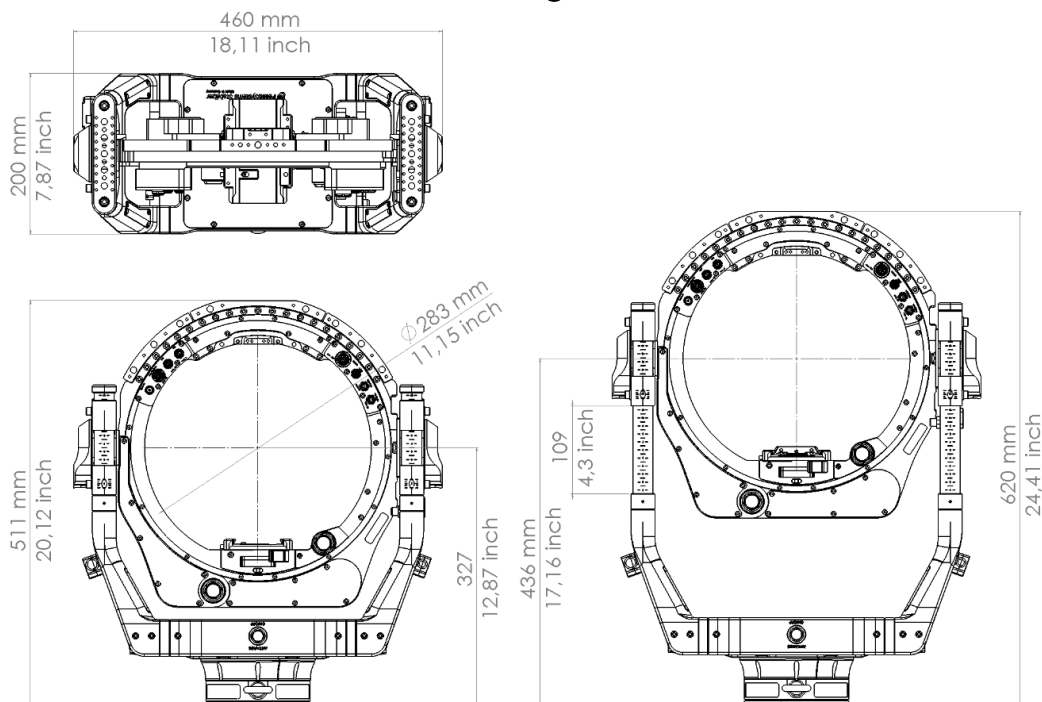
Stabilized Remote-Head 12" Hollow-Axle



1.0 Technical Data

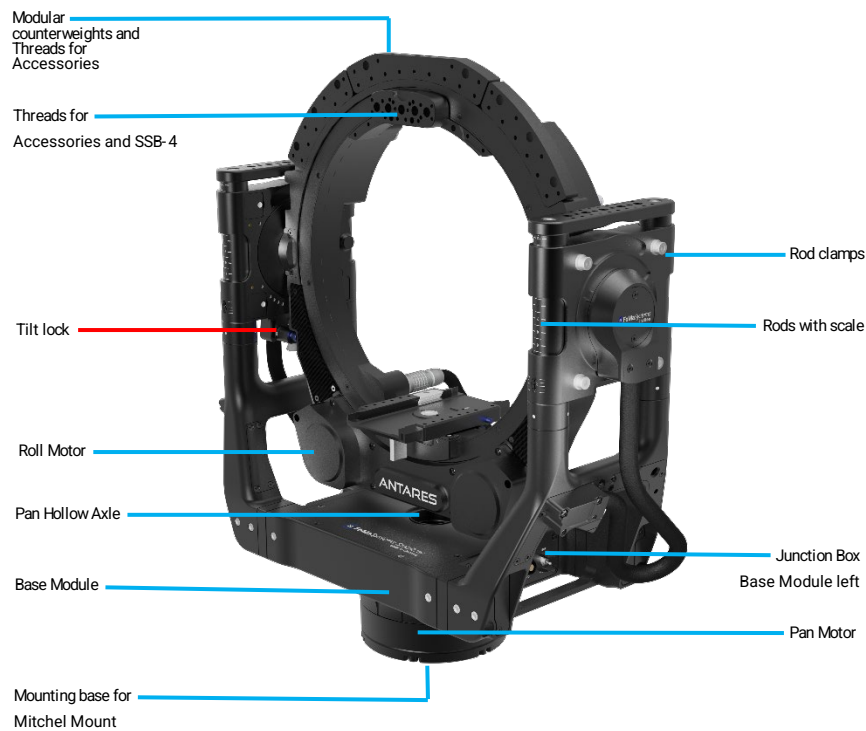
Height	From 511 to 620 mm / 20.12 to 24.21 in
Width	460 mm / 18.11 in
Dept Head	200 mm / 7.87 in
Dept Base	130 mm / 5.11 in
Weight	13.3 kg / 29.30 lbs
Stabilized Axles	3 (Pan, Tilt, Roll)
Maximum Payload	23.5 kg / 51.81 lbs
Maximum Tilt Range	+60° / -220 °
Maximum Roll Range	+/- 360°
Maximum Pan Range	Depends on the cable management
Pan Hollow Axle Diameter	38mm / 1.5 in
Maximum Tilt Rate	180° / sec
Maximum Pan Rate	180° / sec
Maximum Roll Rate	180° / sec
Ring Diameter	283 mm / 11.14 in
Camera clearance	243.2 mm / 9.57 in (with top bracket) 261.5 mm / 10.3 in (without top bracket) QuickLock Plate to top of the Ring

2.0 Dimensional Drawing

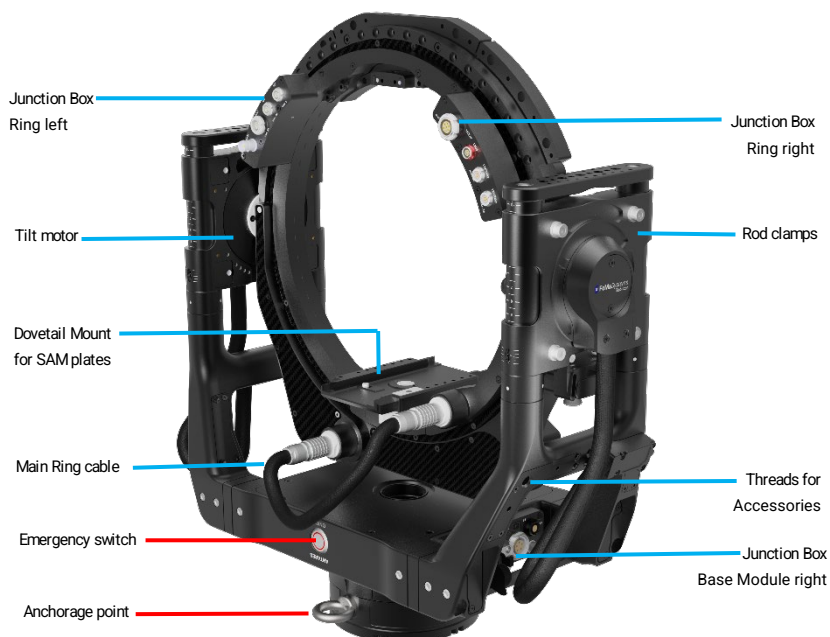


3.0 FoMa Antares Overview

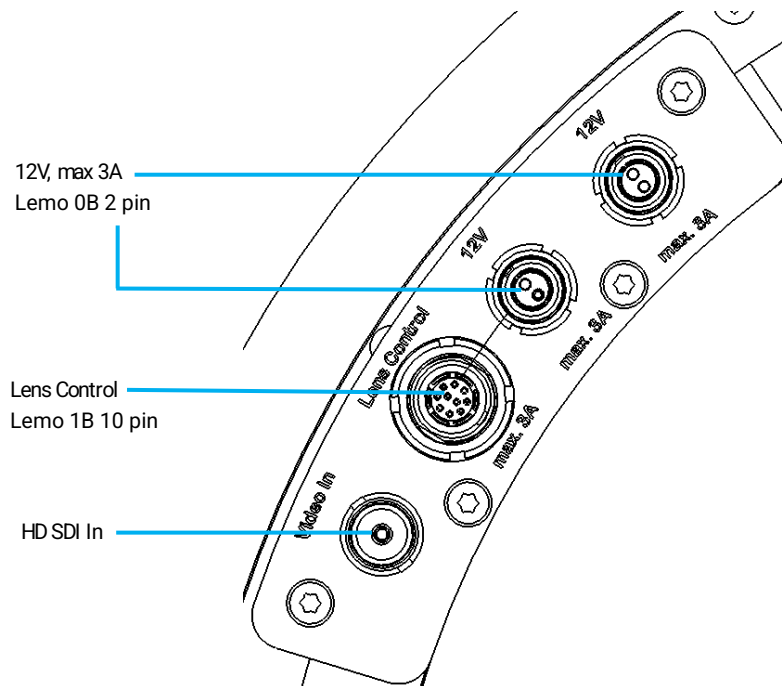
3.1 Overview front / left



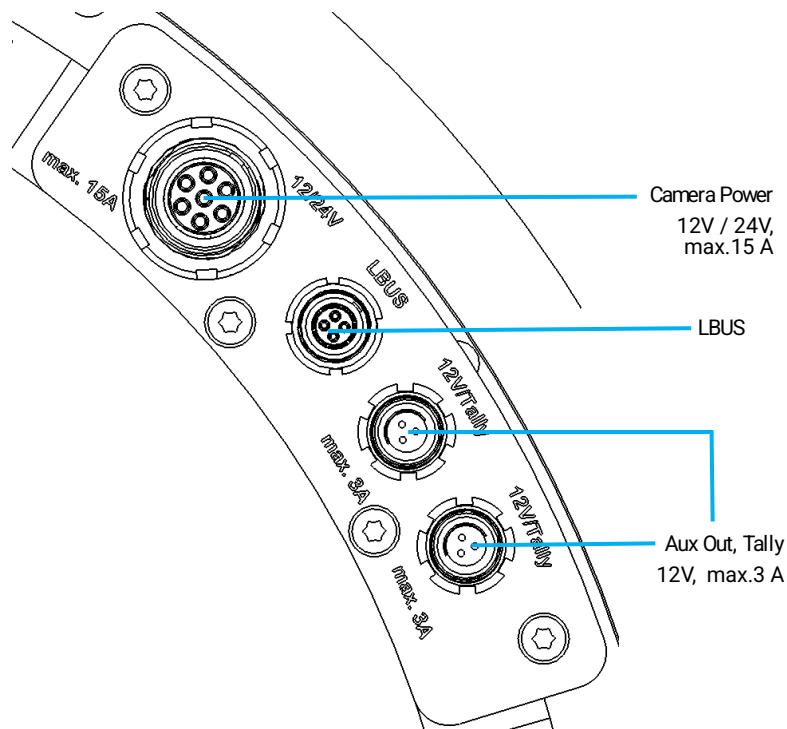
3.1.1 Overview back / left



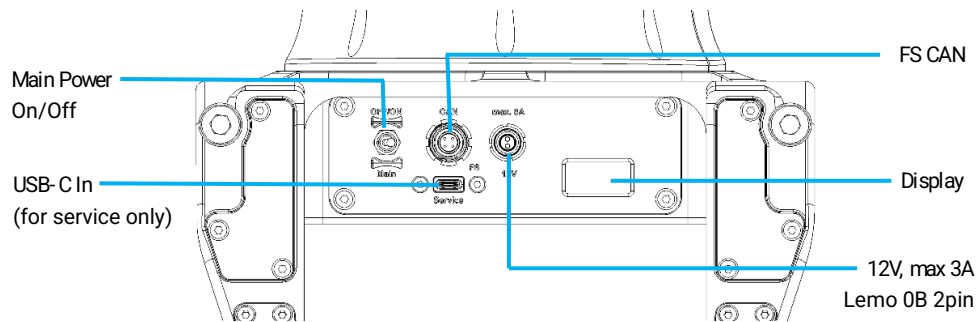
3.2 Overview Ring Junction box left



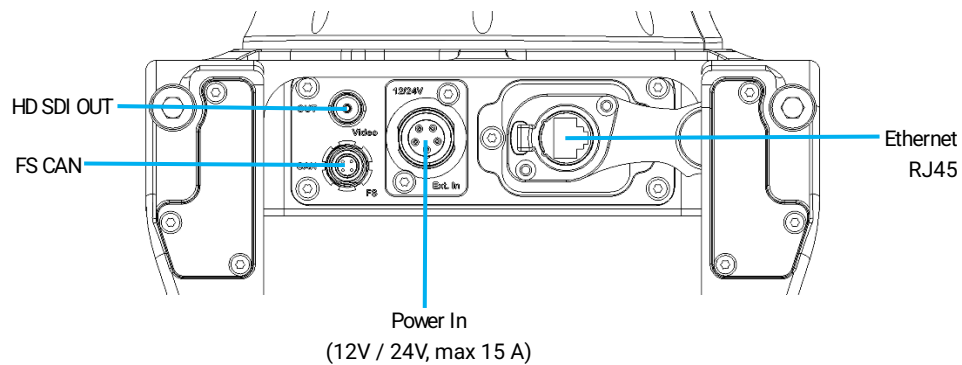
3.2.1 Overview Ring Junction box right



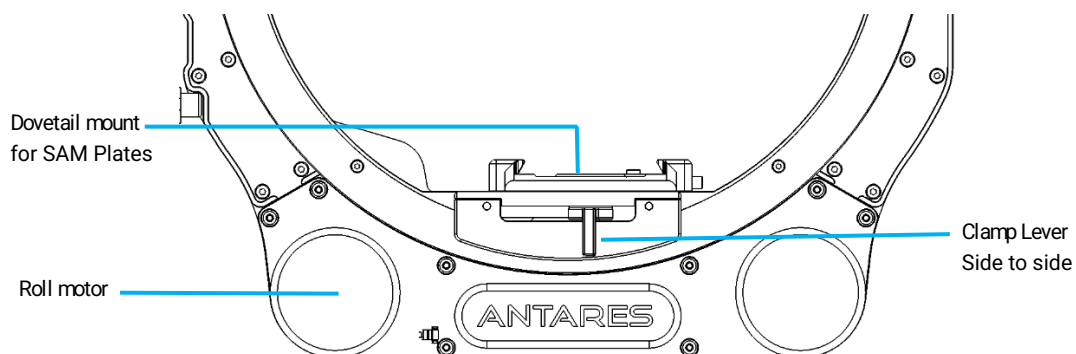
3.3 Overview Junction Box Base left



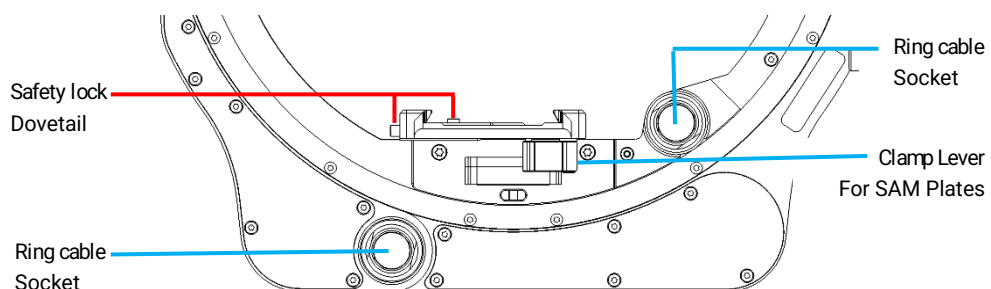
3.3.1 Overview Junction Box Base right



3.4 Overview lower Ring front



3.4.1 Overview lower Ring back



3.6 Interfaces

12 V / 24 V Camera Power	Lemo 2B 7 pin	12V/ 24V max. 15A
LBUS	Lemo 0B 4pin	Data / 12V max. 3A
Aux / Tally	Fischer 3pin	12V max. 3A
Aux	Lemo 0B 2pin	12V max. 3A
HD SDI	BNC	6G
12 V / 24 V Power In	Lemo 3B 5pin	12V/ 24V max. 15A
FS CAN	Fischer 4pin	Data / 12V max. 3A
Lens Control	Lemo 1B 10pin	Data / 12V max. 3A
Ethernet	Neutrik RJ45	Data

3.6.1 Interfaces



12 V / 24 V Camera Power

Lemo 2B 7pin (12 V / 24 V max. 15 A)

Pin 1	Ground
Pin 2	Ground
Pin 3	+ 12 V
Pin 4	+ 12 V
Pin 5	+ 24 V
Pin 6	+ 24 V
Pin 7	Bat. Data

**Shown from mating side*



12 V Aux Power

Lemo 0B 2pin (12 V max. 3 A)

Pin 1	Ground
Pin 2	12 V

**Shown from mating side*



Aux / Tally

Fischer 3pin (12 V max. 3 A)

Pin 1	Ground
Pin 2	+ 12 V
Pin 3	Tally

**Shown from mating side*



LBUS

Lemo 0B 4pin (24 V max. 3 A)

Pin 1	Ground
Pin 2	CAN Low
Pin 3	+ 12 V / + 24 V
Pin 4	CAN High

**Shown from mating side*



Lens Control

Lemo 1B 10 pin

Pin 1	Ground
Pin 2	RS422 Output +
Pin 3	RS232 RXD
Pin 4	RS422 Output -
Pin 5	RS232 TXD
Pin 6	RS422 Input -
Pin 7	RS232 DSR
Pin 8	F+12V
Pin 9	RS232 DTR
Pin 10	Low RS422 / High RS232



CAN Bus FS

Fischer 4pin (12 V max. 3 A)

Pin 1	Ground
Pin 2	CAN 1 Low
Pin 3	CAN 2 High
Pin 4	+ 12 V

**Shown from mating side*



12 V / 24 V Power In

Lemo 3B 5pin (12 V / 24 V max. 15 A)

Pin 1	Ground
Pin 2	FS low
Pin 3	FS high
Pin 4	+ 12 V In
Pin 5	+ 24 V In

**Shown from mating side*