

	<b>CTA</b>	CTA Ref :
	Zurich actuator specifications	EDMS id : Edition : 1.0 Date: 19.09.2011 Page : 1/1

### Zurich actuator specifications

		Note:
<b>Dimensions</b>	244 – 280 mm x 65 mm (L x Ø)	Without gimbal
<b>Weight</b>	1000 g 650 g 1000 g 1300 g	Actuator Fixpoint 1 dof gimbal 2 dof gimbal
<b>Power supply</b>	18 – 24 VDC	
	≤ 850 mA	Driving current
	≤ 50 mA	Standby current
<b>Communication</b>	Wireless, industry standard (IEEE 802.15.4)	
<b>Positioning</b>	Absolute with Gray code and Hall sensor	
<b>Positioning precision</b>	30 µm with Gray code only	
<b>Mechanical clearance</b>	± 10 µm	Without gimbals
<b>Elevation speed</b>	0.5 mm/s	
<b>Full stroke length</b>	36 mm	
<b>Moving force</b>	> 350 N	
<b>Mechanical stress</b>	< 9'500 N	
<b>Degree of protection</b>	IP 67	
<b>Connectors</b>	1 connector for power supply	
<b>Holding force</b>	Self-locking	
<b>Built-in memory</b>	4096 bytes = 2048 elevation angles	Look-up table
<b>Lightning protection</b>	To be discussed	

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