

AXIS T99A11 Positioning Unit 24 V AC/DC

Ultra-smooth and high accuracy absolute positioning

AXIS T99A11 Positioning Unit 24 V AC/DC is a highly responsive and reliable positioning unit, designed for continuous and jerk-free pan and tilt movements (360° endless and 135° from ground to sky). Suitable for AXIS Q19 and AXIS Q29 PT Mount models. When column-mounted, it enables a 360° unobstructed field of view for the camera. It features both RJ45 and SFP interfaces, enabling a long-distance fiber connection with a failover network link. In extreme cold, the de-icing control heats up the unit, ensuring a constant operational temperature. It is possible to power up the unit with 24 V AC or DC.

- > **Responsive positioning with 360° endless pan and 135° tilt from ground to sky**
- > **Long-distance network connection**
- > **24 V AC or DC power input**
- > **Suitable for Axis PT mount thermal cameras**
- > **Easy to install**



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General	
Supported products	Axis PT mount thermal network cameras
Pan/Tilt	Pan: 360° endless, 0.05°/s to 120°/s Tilt: -90° to +45°, 0.05°/s to 60°/s Jerk-free movements at low speed: ±0.01°/s (at 0.05°/s) De-icing control ^a Dynamic load balancing ^b
Casing	IP66- and NEMA 4X-rated, IK10 impact-resistant powder coated aluminum Color: white NCS S 1002-B
Sustainability	PVC free
Power	24 V AC/DC Typical: 10 W Max: 169 W TVS 2 kV surge protection I/O connector Output voltage: 12 V DC Max load: 50 mA
Connectors	SFP slot (SFP module not included) ^c RJ45 10BASE-T/100BASE-TX/1000BASE-T network connector ^c Power connector I/O connector
Operating conditions	Normal: -50 °C to 60 °C (-58 °F to 140 °F) Maximum (intermittent): 65 °C (149 °F) Arctic Temperature Control: start-up at -40 °C (-40 °F) Humidity 10–100% RH (condensing) Wind load with camera when PT operational 47 m/s (106 mph). Maximum effective projected area (EPA): 0.105 m ²
Storage conditions	-40 °C to 70 °C (-40 °F to 158 °F)
Approvals	EMC EN 55032 Class A, EN 55024, EN 61000-6-1, EN 61000-6-2,
	EN 61000-3-2, EN 61000-3-3, FCC Part 15 Subpart B Class A, VCCI Class A ITE, ICES-003 Class A, RCM AS/NZS CISPR 32 Class A, EN 50121-4, IEC 62236-4
	Safety IEC/EN/UL 62368-1, IEC/EN/UL 60950-22
	Environment IEC/EN 60529 IP66, IEC 62262 IK10, NEMA 250 Type 4X, ISO 4892-2, IEC 60068-2-6, IEC 60068-2-27, REACH, RoHS, WEEE
Dimensions	557 x 229 x 289 mm (22 x 9 x 11 in) with camera mounted
Weight	10.2 kg (22.5 lb)
Included accessories	Installation Guide Power connector, I/O connector Torx® bits T20 and T30
Optional accessories	AXIS T94J01A Wall Mount AXIS T94N01G Pole Mount AXIS T91A64 Corner Bracket AXIS Cable 24 V DC/24–240 V AC 22 m ^d AXIS T8611 SFP Module LC.LX AXIS T8612 SFP Module LC.SX AXIS T8613 SFP Module 1000BASE-T For more accessories, see www.axis.com
Warranty	Axis 3-year warranty, see www.axis.com/warranty
	a. <i>Internal heaters to defrost ice build-up, activated by HTTP API (VAPIX).</i> b. <i>Pan and tilt motors actively compensate for changes in load conditions induced by external forces such as high winds. This allows minimum power consumption at low wind.</i> c. <i>If the network link is established via both the SFP and RJ45 connectors, the former acts as the primary link and the latter as the failover link.</i> d. <i>When using the 22 m (72 ft) AXIS Cable 24 V DC/24–240 V AC, a power supply capable of delivering 220 W is required to compensate for the power loss in the cable.</i>
	Environmental responsibility: www.axis.com/environmental-responsibility