

# 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**



# AXIS T99A11 Positioning Unit 24 V AC/DC

General	
<b>Supported products</b>	Axis PT mount thermal network cameras
<b>Pan/Tilt</b>	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 <sup>a</sup> Dynamic load balancing <sup>b</sup>
<b>Casing</b>	IP66- and NEMA 4X-rated, IK10 impact-resistant powder coated aluminum Color: white NCS S 1002-B
<b>Sustainability</b>	PVC free
<b>Power</b>	20-28 V AC/DC Typical: 10 W Max: 169 W TVS 2 kV surge protection <b>I/O connector</b> Output voltage: 12 V DC Max load: 50 mA
<b>Connectors</b>	SFP slot (SFP module not included) <sup>c</sup> RJ45 10BASE-T/100BASE-TX/1000BASE-T network connector <sup>c</sup> Power connector I/O connector
<b>Operating conditions</b>	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) <b>Wind load with camera when PT operational</b> 47 m/s (106 mph). Maximum effective projected area (EPA): 0.105 m <sup>2</sup>
<b>Storage conditions</b>	-40 °C to 70 °C (-40 °F to 158 °F)
<b>Approvals</b>	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
	<b>Safety</b> IEC/EN/UL 62368-1, IEC/EN/UL 60950-22
	<b>Environment</b> 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
<b>Dimensions</b>	557 x 229 x 289 mm (22 x 9 x 11 in) with camera mounted
<b>Weight</b>	10.2 kg (22.5 lb)
<b>Included accessories</b>	Installation Guide Power connector, I/O connector Torx® bits T20 and T30
<b>Optional accessories</b>	AXIS T94J01A Wall Mount AXIS T94N01G Pole Mount AXIS T95A64 Corner Bracket AXIS Cable 24 V DC/24-240 V AC 22 m <sup>d</sup> AXIS T8611 SFP Module LC.LX AXIS T8612 SFP Module LC.SX AXIS T8613 SFP Module 1000BASE-T For more accessories, see <a href="http://www.axis.com">www.axis.com</a>
<b>Warranty</b>	5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>
	a. Internal heaters to defrost ice build-up, activated by HTTP API (VAPIX). b. 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. c. 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. d. 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.
	Environmental responsibility: <a href="http://axis.com/environmental-responsibility">axis.com/environmental-responsibility</a>