

## AXIS T99A10 Positioning Unit 24 V AC/DC

Ultra-smooth and high accuracy absolute positioning

AXIS T99A10 Positioning Unit 24 V AC/DC is a highly responsive and reliable positioning unit, designed for continuous and jerk-free pan and tilt movements. Selected Axis fixed box network cameras can be installed in its protective housing. 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**
- > **Suitable for selected Axis fixed box cameras**
- > **Weather protection**
- > **Easy to install**



# AXIS T99A10 Positioning Unit 24 V AC/DC

| General                     |  | Approvals  |
|-----------------------------|--|--|
| <b>Supported products</b>   | Selected Axis fixed box cameras, see <a href="http://www.axis.com">www.axis.com</a>  | EMC<br>EN 55032 Class A, EN 55024, EN 61000-6-1, EN 61000-6-2, 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>Pan/Tilt</b>             | Pan: 360° endless, 0.05°/s to 120°/s<br>Tilt: -90° to +45°, 0.05°/s to 60°/s<br>Jerk-free movements at low speed: ±0.01°/s (at 0.05°/s)<br>De-icing control <sup>a</sup><br>Dynamic load balancing <sup>b</sup>  | <b>Safety</b><br>IEC/EN/UL 62368-1, IEC/EN/UL 60950-22   |
| <b>Casing</b>               | IP66- and NEMA 4X-rated, IK10 impact-resistant powder coated aluminum<br>Color: white NCS S 1002-B   | <b>Environment</b><br>IEC/EN 60529 IP66, IEC 62262 IK10, NEMA 250 Type 4X, ISO 4892-2, IEC 60068-2-6, IEC 60068-2-27   |
| <b>Sustainability</b>       | PVC free   | <b>Dimensions</b><br>229 x 382 x 563 mm (9 x 15 x 22 in)<br>Maximum height with 45° tilt upwards: 668 mm (26 in)<br>Maximum width/depth with 360° pan clearance: 620 mm (24 in)  |
| <b>Power</b>                | 24 V AC/DC<br>Typical: 10 W<br>Max: 169 W<br>TVS 2 kV surge protection<br><b>I/O connector</b><br>Output voltage: 12 V DC<br>Max load: 50 mA   | <b>Weight</b><br>11.4 kg (25 lb)   |
| <b>Connectors</b>           | SFP slot (SFP module not included) <sup>c</sup><br>RJ45 10BASE-T/100BASE-TX/1000BASE-T network connector <sup>c</sup><br>Power connector<br>I/O connector  | <b>Included accessories</b><br>Installation Guide<br>Power connector, I/O connector<br>Torx® bits T20 and T30  |
| <b>Operating conditions</b> | Normal: -50 °C to 60 °C (-58 °F to 140 °F)<br>Maximum (intermittent): 65 °C (149 °F)<br><b>With compatible Axis cameras</b><br>AXIS P1353/P1354/P1355/P1357 and AXIS Q1604/Q1614:<br>-40 °C to 50 °C (-40 °F to 122 °F)<br>AXIS P1365 Mk II and AXIS Q1615 Mk II/Q1635:<br>-40 °C to 55 °C (-40 °F to 131 °F)<br>AXIS M1124/M1125:<br>-40 °C to 55 °C (-40 °F to 131 °F)<br>Arctic Temperature Control: start-up at -40 °C (-40 °F)<br>Humidity 10–100% RH (condensing)<br><b>Wind load with camera when PT operational</b><br>52 m/s (117 mph), with illuminators mounted > 60 m/s (135 mph) <sup>d</sup><br>Maximum effective projected area (EPA): 0.105 m <sup>2</sup> | <b>Optional accessories</b><br>AXIS T94J01A Wall Mount<br>AXIS T94N01G Pole Mount<br>AXIS T95A64 Corner Bracket<br>AXIS Washer Kit B<br>AXIS Cable 24 V DC/24–240 V AC 22 m <sup>e</sup><br>AXIS T8611 SFP Module LC.LX<br>AXIS T8612 SFP Module LC.SX<br>AXIS T8613 SFP Module 1000BASE-T<br>For more accessories, see <a href="http://www.axis.com">www.axis.com</a> |
| <b>Storage conditions</b>   | -40 °C to 70 °C (-40 °F to 158 °F)   | <b>Warranty</b><br>Axis 3-year warranty, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>  |

- Internal heaters to defrost ice build-up, activated by HTTP API (VAPIX).
- 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.
- 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.
- The values shown are based on results from actual wind tunnel testing. The maximum wind load when the unit is stationary is not known due to wind speed limit of 60 m/s (135 mph) at the test lab. For drag force calculations, use maximum effective projected area (EPA).
- When using the 22 m (72 ft) AXIS Cable 24 V DC/24–240 V AC, a power supply capable of delivering 400 W is required to compensate for the power loss in the cable.

**Environmental responsibility:**
[www.axis.com/environmental-responsibility](http://www.axis.com/environmental-responsibility)