

AXIS TX1901 Washer Kit

For Axis explosion-protected cameras

This all-in-one washer kit includes everything needed to clean the front window of compatible Axis explosion-protected cameras. It comes with a 10-liter (2.6 gallon) tank for fluid, enclosed in a marine-grade, stainless-steel cabinet. And the lid opens from the top for convenient access. There's also a 25 m (82 ft) hose, which is connected to the solenoid valve installed into the base of the camera. And it includes wall and pole mounts. It's easy to start cleaning the camera window. Simply click a button in the user interface or create an automated action and schedule cleaning depending on your needs.

- > [Stainless steel washer solution](#)
- > [ATEX/IECEx certified](#)
- > [No external wiring needed](#)
- > [10-liter \(2.6-gallon\) capacity](#)
- > [Wall and pole mount included](#)



AXIS TX1901 Washer Kit

Approvals

Supply chain
TAA compliant

EMC
EN 61000-6-2, EN 61000-6-4

Safety
CAN/CSA C22.2 No. 62368-1 ed. 3,
IEC/EN/UL 62368-1 ed. 3, IEC/EN/UL 60950-22, UL 429

Environment
IEC 60068-2-6, IEC 60068-2-27,
IEC/EN 60529 IP66/67/68, IEC/EN 62262 IK10,
NEMA 250 Type 4X

Explosion
IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-31

Certifications
Solenoid valve:^{1,2}
ATEX
I M2 Ex db I Mb
II 2 G Ex db IIC T4 Gb
II 2 D Ex tb IIIC T135°C Db
Certificate: ExVeritas 20ATEX0651X
IECEX
Ex db I Mb
Ex db IIC T4 Gb
Ex tb IIIC T135°C Db
Certificate: IECEX EXV 20.0017X

General

Supported products
AXIS XFQ1656 Explosion-Protected Camera
AXIS XPQ1785 Explosion-Protected PTZ Camera

Casing
Cabinet: SUS 316L stainless steel
Washer tank: SUS 304 stainless steel
Valve body: nickel-plated brass

Dimensions

For the overall product dimensions, see the dimension drawing in this datasheet.
Cable entry: M25 x 1,5
Inlet and outlet connection hose: Ø6 mm
Effective Projected Area (EPA): 0.15 m² (1.6 ft²)

Weight

Cabinet with empty tank: 11.2 kg (24.7 lb)
Solenoid valve: 800 g (1.8 lb)

Mounting

Pole mount or wall mount

Power

48 VDC, max 5.5 W

Tank capacity

10 l (2.6 gal)

Hose length

25 m (82 ft)

Elevation

Camera can be placed up to 20 m (66 ft) above the water tank

Functionality

Manually pressurized washer tank
Operational pressure – 6 bar (87.0 psi)
Cleaning fluid: Washer fluid (with antifreeze if needed) or degreaser fluid

Operating conditions

-30 °C to 60 °C (-22 °F to 140 °F)
Humidity: 10–100% RH (condensing)

Storage conditions

Temperature: -40 °C to 65 °C (-40 °F to 149 °F)
Humidity: 5–95% RH (non-condensing)

Box content

Cabinet, washer tank, solenoid valve, steel straps, hose, installation guide, installation manual, Declaration of Conformity

Warranty

5-year warranty, see axis.com/warranty

1. When incorporating the solenoid valve into the camera system, the overall temperature rating of the solution reduces to T4.
2. Certifications are only valid when solenoid valve is used together with the specified supported devices.

Sustainability

Substance control

PVC free, BFR/CFR free in accordance with JEDEC/ECA Standard JS709

RoHS in accordance with EU RoHS Directive 2011/65/EU/ and EN 63000:2018

REACH in accordance with (EC) No 1907/2006. For SCIP UUID, see echa.europa.eu

Materials

Screened for conflict minerals in accordance with OECD guidelines

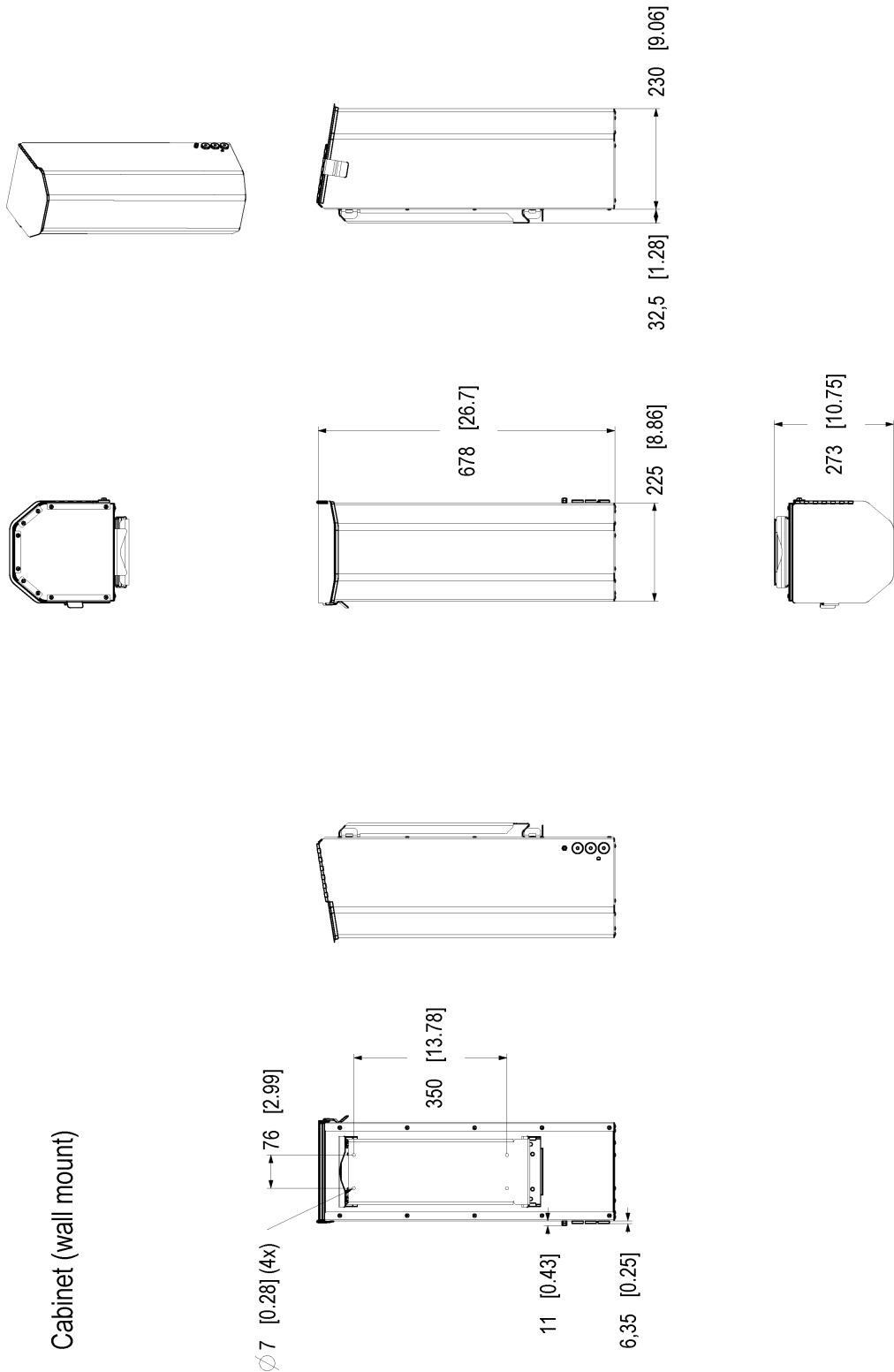
To read more about sustainability at Axis, go to axis.com/about-axis/sustainability

Environmental responsibility

axis.com/environmental-responsibility

Axis Communications is a signatory of the UN Global Compact, read more at unglobalcompact.org

Cabinet (wall mount)

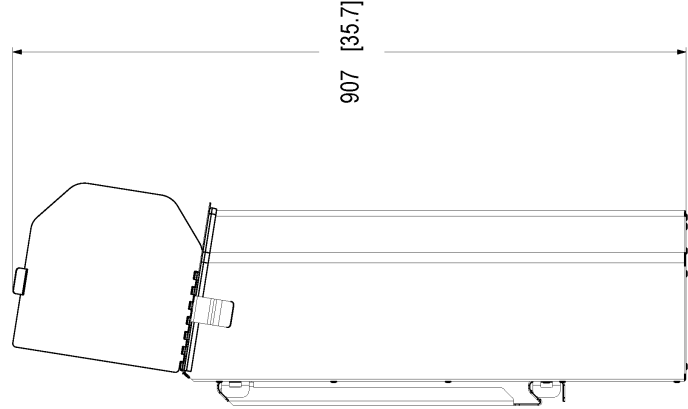


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AXIS TX1901 Washer Kit

Dimensions in mm [inch]			
Part No.	Rev.	Material	Unit
3387834	0001	MM 7	16
3387834	0001	MM 7	16

Cabinet with open lid

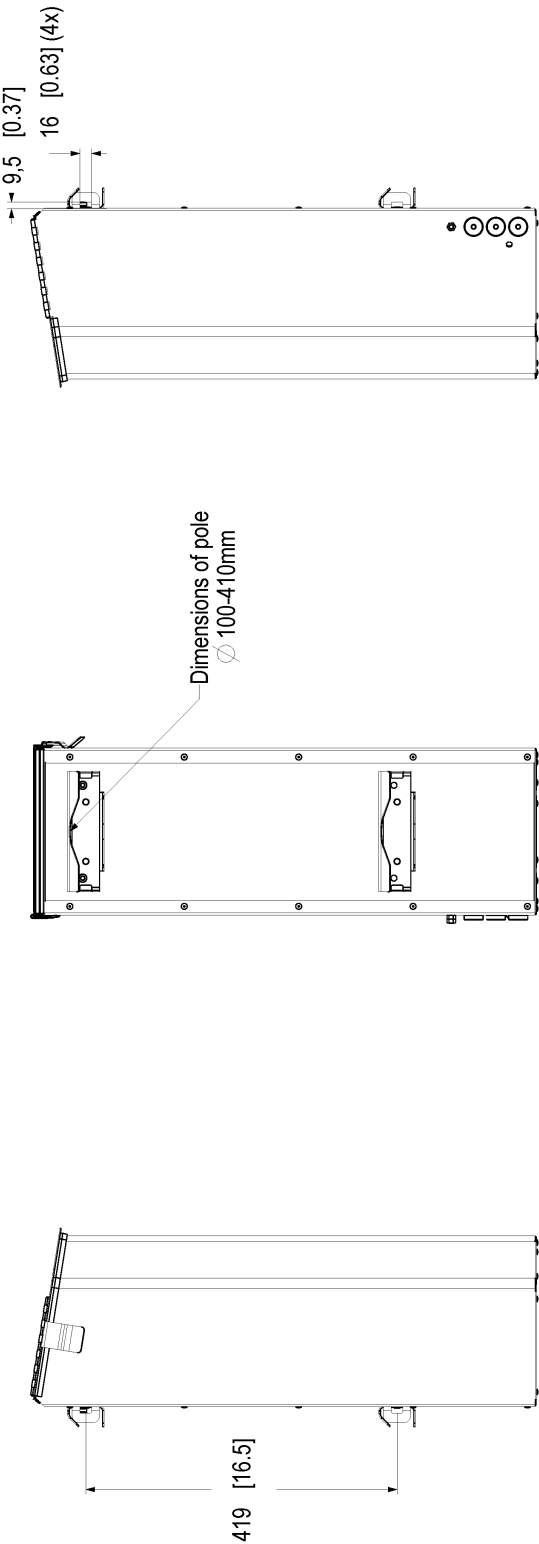


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AXIS TX1901 Washer Kit

Dimensions in mm [inch]			
Model	Weight	Net weight	Volume
AXIS TX1901	11.7	11.7	1.4
AXIS TX1901-2	11.7	11.7	1.4
AXIS TX1901-4	11.7	11.7	1.4
AXIS TX1901-8	11.7	11.7	1.4
AXIS TX1901-16	11.7	11.7	1.4
AXIS TX1901-32	11.7	11.7	1.4
AXIS TX1901-64	11.7	11.7	1.4
AXIS TX1901-128	11.7	11.7	1.4
AXIS TX1901-256	11.7	11.7	1.4
AXIS TX1901-512	11.7	11.7	1.4
AXIS TX1901-1024	11.7	11.7	1.4
AXIS TX1901-2048	11.7	11.7	1.4
AXIS TX1901-4096	11.7	11.7	1.4
AXIS TX1901-8192	11.7	11.7	1.4
AXIS TX1901-16384	11.7	11.7	1.4
AXIS TX1901-32768	11.7	11.7	1.4
AXIS TX1901-65536	11.7	11.7	1.4
AXIS TX1901-131072	11.7	11.7	1.4
AXIS TX1901-262144	11.7	11.7	1.4
AXIS TX1901-524288	11.7	11.7	1.4
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Cabinet (pole mount)

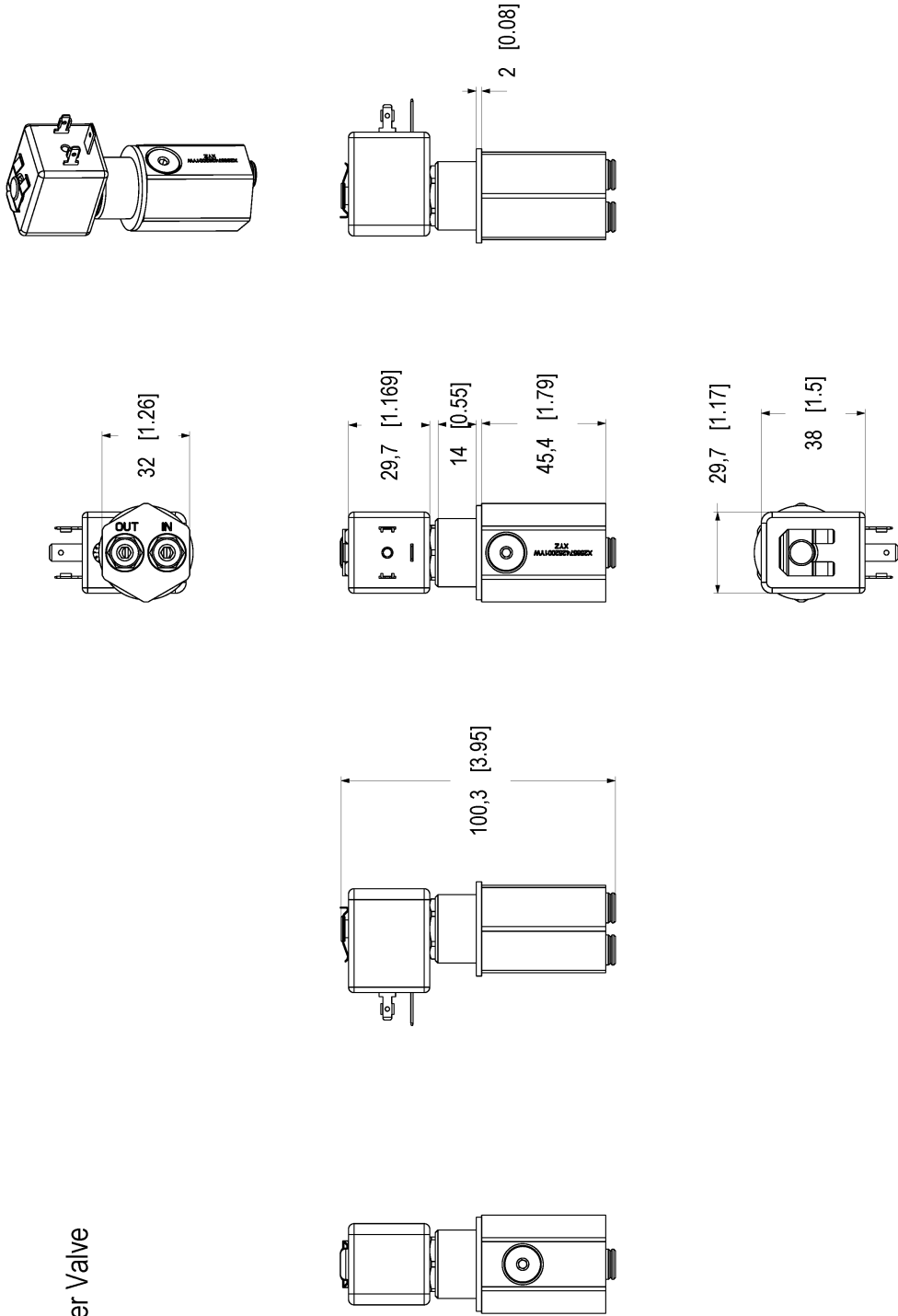


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AXIS TX1901 Washer Kit

Dimensions in mm [inch]			
Item	Value	Unit	Part
Overall height	419	mm	AX
Overall width	338	mm	AX
Overall depth	16	mm	AX

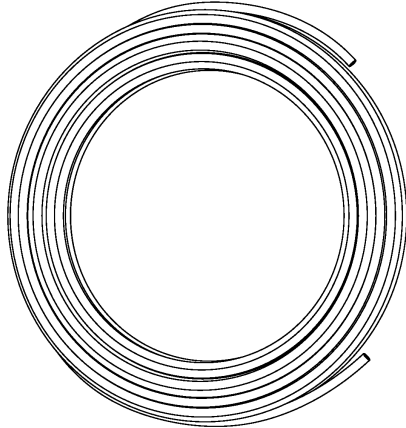
Washer Valve



Dimensions in mm [inch]			
Part No.	Rev.	Size	Unit
3387834	001	M17	mm
3387834	001	M17	inch

AXIS TX1901 Washer Kit

Tube
External diameter $\varnothing$ 6 mm



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AXIS TX1901 Washer Kit

Dimensions in mm (inch)			
Part	Value	Part	Value
Overall length	3387834	Overall width	506

