

Features

- Polyethylene tank with stainless steel cage
- Delivery up to 10m/22ft
- Operating temperature: up to 65°C (149°F) max
- Available voltages: 24Vac
- RS485 telemetry control for washer and wiper



SA-WP10-10m-VSF 24 (v2)

Washer Tank & Pump for Siquira TrafficPTZ and TFHx cameras

Description

The Siquira® SA-WP10-10m-VSF 24 (v2) is a wash kit consisting of a water tank with an integrated pump for TrafficPTZ cameras and TFHx fixed housings. This washer tank has a capacity of 10 liters and delivery head up to 10 meters. Pumps are available in 24Vac. With the use of the antifreeze liquid the minimum operating temperature goes down to -25°C (13°F).

Integration

The wash kit is fully integrated with the Camera Control. The TrafficPTZ will drive the washer via a relay contact found inside the housing's foot. The cameras inside TFHx housings will communicate over their backplane serial port with the telemetry controller found inside the washer pump's junction box. In both cases, the Video Management Software can drive the washer and wiper via software commands over IP. Instructions are available to turn the washer on and off, but it is also possible to run a washing cycle which will autonomously run a wash and wipe sequence. In this case, the TrafficPTZ will automatically move the window glass towards the washer nozzle as part of the washing sequence. Afterwards, the TrafficPTZ original position is restored. For the TFHx fixed housing, wiper control is also led via the controller in the washer pump's junction box. The Siquira cameras are equipped with a serial port on the

backplane that allow for sending the wiper on and off instructions separately.

Technical Specifications

SA-WP10-10m-VSF 24 (v2)

Mechanical

Frame/ cabinet material	316L stainless steel
Tank material	Polyethylene high density and molecular weight (HDPE HMW) highly resisting to chemical products
Tank volume	10L (2.64gal)
Delivery distance	10m (33ft)
Switch for liquid level	Optional
Dimensions (WxHxL)	235x353x290mm (9.3x13.9x11.4in)
Weight	6.7kg (14.8lb)

Powering

Power consumption	24Vac, 3.8A, 50/60Hz
Electrical connections	Internal terminal block

Environmental

Operating temperature	<ul style="list-style-type: none">• Maximum temperature: 65°C continuous• Minimum temperature with antifreeze liquid in solution: -10°C• Minimum temperature with antifreeze liquid in solution (reduced performance and delivery height): -25°C
Electrical safety (CE)	EN60950-1
Electromagnetic compatibility (CE)	EN50130-4, EN61000-6-3, EN55022 (Class B), FCC Part 15 (Class B)
Outdoor installation (CE)	EN60950-22
IP protection degree	EN60529, IP56
EAC certification	

Ordering information

SA-WP10-10m-VSF 24 (v2)	Washer pump 10L, 10m, 24Vac
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The quality management system used in the development, production, sales, and support of this product is ISO 9001:2008 certified by LRQA

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