

Wiper Dome[®]

Made in Japan
PAT Pending

Wiper & Washer Type A-ODW7WW Series

Wiper Only Type A-ODW7W Series



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1 Wiper Arm

(made of SUS304)
* Detachable Wiper Arm by Phillips Head Screwdriver
* Wiper Arm turns 5 times(stops at opposite side) avoid dripping water.
* 45° Cut Cross-section Wiper Arm helps water drop immediately.
* Easy to replace Wiper Blade

2 1.5L Washer Reservoir & Motor Unit

Drain Tube
(Washer Reservoir fills with fluid then spills out)
* You can fill washer fluid by hand pump(Optional) from 15m below.
* Use an ordinary windshield fluid for automobile (antifreezing fluid)
* Possible to inject approx.220 times by 1.5L Washer Reservoir
* Possible to detach/attach Wiper Motor Unit by one connector

3 Nozzle

(made of SUS304)
* 2 holes nozzle sprays washer V-shape
* Adjustable RIGHT/LEFT 35° UP/DOWN 10mm

4 Hard Coat PC Capsule

* Hard Coat is strong against scratch and UV.

5 Heavy Duty Gear & Motor Unit

6 Cooling Fin for Sunshield

7 Ventilation for Cooling Sunshield

8 Pole Mount Adapter (Option)

* 2 pcs. of A-BK3S or A-BK3 required.

9 Washer Reservoir Box

(made of SUS304)

FEATURES

Easy Installation

Just connect the pre-wired cable to the output terminal of camera. It is pre-wired at our factory. Just prepare Phillips head screwdriver.

Easy Maintenance

Easy Maintenance
① Wiper Arm & Blade ② Wiper Gear & Motor ③ CPU ④ 24VAC-12VDC Converter
⑤ Washer Reservoir & Motor are detachable by connector.

Applicable Input Voltages 24VAC, 12VDC

Note 1: Must prepare SEPARATE POWER SUPPLY for Washer(3A) and Wiper(3A-5A). You cannot use 1 pc. Of Common Big Power Supply for both Washer and Wiper.
Note 2: For PoE, please consult with us in advance.

Easy to fill Washer Fluid by Hand Pump(Optional)

Safety Mechanism

Safety Mechanism
When Wiper Arm was stopped by external forces such as icy snow, motor and its electronics circuit can be protected by an overcurrent protection mechanism.

Wiper Dome®

How to select Model

Wiper Only Type

A-ODW7W 1 2 3 4 5 6
C 2 S A M O

1 Capsule

C = Clear
T = Tinted

2 Blower & Heater

2 = 24VAC 25W
2(50W) = 24VAC 50W for Cold Area
12 = 12VDC 25W
12(50W) = 12VDC 50W for Cold Area

3 With or Without Sunshield

Blank: No Sunshield
S = With Sunshield

4 Type of Mounting Bracket

Blank: Wall Mount
A-E: Bracket Type

5 Microphone

Blank = Without Mic
M = With Mic

6 Color of Housing

Blank: Standard Silver
(OW) = Off-white
(DB) = Dark Brown

Note: Our Standard Anti-corrosion Paint(TC) was done for Mounting Bracket.

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Note 1) Washer Reservoir Box(Made of SUS304) is included.

Note 2) Only Wall Mount Bracket(A-WB10) is available.

Note 3) Sunshield is included.

Note 4) Must prepare SEPARATE POWER SUPPLY for Washer(3A) and Wiper(3A-5A).

You cannot use 1 pc. Of Common Big Power Supply for both Washer and Wiper.

Note 5) Our Standard Anti-corrosion paint was done for both Wall Mount Bracket and Washer Reservoir Box.

Note 6) Color of Washer Reservoir Box is the same as Wall Mount Bracket.

(For different color, you need instruction in advance.)

Note 7) For Pole/Corner Mount, you need 2pcs of optional Wall/Corner Mount.

Example of Connecting to Camera Output Terminal (Washer Type)

Cable from Housing

- 1 GND (Black)
- 2 AUX (Brown) Not Used
- 3 Washer (Red)
- 4 Wiper(Orange)

Camera's Output Terminal

- A OUT1
- B OUT1
- A OUT2
- B OUT2

Jumper

Optional Items

Pole Mount Adapter

(SUS304)

A-BK3S Black
A-BK3S (OW) Off-white
A-BK3S (DB) Dark Brown

Note 2 pcs of Pole Mount Adapters are required for Washer box.

(Aluminum)

A-BK3 Black
A-BK3 (OW) Off-white
A-BK3 (DB) Dark Brown

Replacement Wiper Blade Kit

A-WPBLD2 (*2 pcs included)



Hand Pump for supplying washer fluid

A-HPUMP 1



Corner Mount Adapter

(Aluminum)

A-CM3-TC Black
A-CM3 (OW) -TC Off-white
A-CM3 (DB) -TC Dark Brown

Note 2 pcs of Pole Mount Adapters are required for Washer box.

(Ordinary Paint)

A-CM3 Black
A-CM3 (OW) Off-white
A-CM3 (DB) Dark Brown

Washer Fluid Supply Tube

*No More High-Place Work

A-WTUBE15M (15m Length)

For Pole Mount, 10mm width Stainless Belt(20pcs)
For Wall Mount, Tubing Holders for Screw(Not Provided)
M4 or 6-32 size(30pcs)

A-WTUBE7M (7m Length)

For Pole Mount, 10mm width Stainless Belt(10pcs)
For Wall Mount, Tubing Holders for Screw(Not Provided)
M4 or 6-32 size(15pcs)



Replacement Hard Coat Capsule

A-RCP7CHC (Clear)
A-RCP7THC (Tinted)



Replacement Wiper Arm & Blade Kit

A-WPARAM 1

* 1pc of Wiper Arm & extra Blade Kit

Maintenance Parts

A-WCPU1 CPU PCB Unit for Wiper Only Type
A-WCPU2 CPU PCB Unit for Wiper/Washer Type
A-PS2412 24VAC-12VDC Converter

A-GRMT1

Wiper Gear & Motor Unit(with Housing/without Capsule)



EW-5T12

Washer Tank and Motor Unit



※ Specifications are subject to change without prior notice.

Manufactured by:

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