S2000-IW

## AISI 316L Stainless Steel 24VAC Camera Housing

AETEK's S2000-IW camera housing constructed by AISI 316L stainless steel is designed to protect IP & analog box/brick camera in highly corrosive & severe environments such as offshore, chemical, petrochemical, and tunnel areas. Besides built-in heater & blower to prevent from ice & mist on window, S2000-IW has built-in wiper and is compliant to IP66, and IK10 standards. An 24VAC power input is obligatory for this robust housing providing 12VDC & 24VAC output inside housing. S2000-IW is a new generation of camera housing equipped with built-in 12W VAIR illuminator that is adjustable on beam angle by remote control thru RS485 Pelco-D command or manual dip switch to suit camera's FOV. Furthermore, the inner capacious spaces suits camera equipped with wide angle & long distance lens.
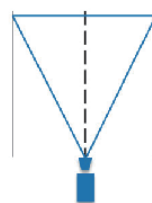
Features

- AISI 316L stainless steel construction
- Fits corrosive & severe environments
- Built-in 12W VAIR Illuminator up to 140m
- Long range of built-in 12W VAIR Illuminator up to 140m at 10°
- Wide range of built-in 12W VAIR Illuminator up to 50m at 40°

- IP66 weather rating standards
- IK10 impact rated on stainless steel outer shell
- Built-in Wiper
- Window heater & blower inclunded
- Supports wide-angle & long-distance remote focus lens
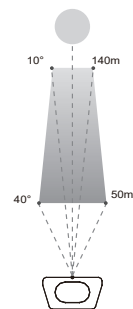- Adjustable AISI 316L sunshield

VAIR Illuminator Technology

VAIR technology is optical technology to adjust illuminator beam angle by remote control RS485 Pelco-D command or manual dip switch to suit camera FOV.
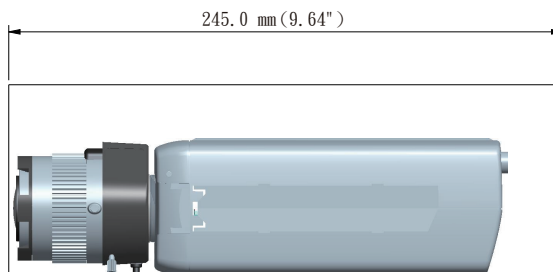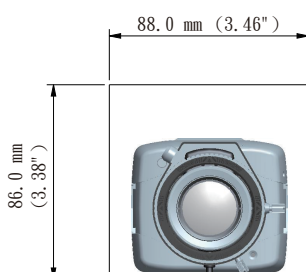
Camera FOV
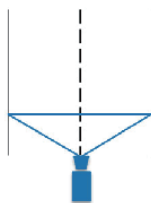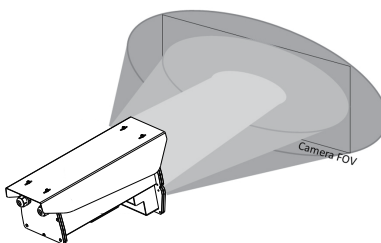
Wide angle for short distance   Tele angle for long distance

10°   140m

40°   50m

Maximum Camera Length

88.0 mm（3.46"）

86.0 mm (3.38")

245.0 mm（9.64"）

Specifications

Power Specifications

Power Input	24VAC
Power Output	12VDC, 24VAC
Unit Power Consumption	Wiper: 6W Blower: 2W IR LED: 12W Window Heater: 5W
VAIR Illuminator	850nm, 50m@40°, 140m@10°

Environmental Specifications

Operating Temperature	-20°C ~ 65°C (-4°F ~ 149°F) -20°C ~ 50°C (w/IR LEDs)
Heater ON / OFF	≤20°C (68°F) ON ≥30°C (86°F) OFF
Blower ON / OFF	≤35°C (95°F) ON ≥25°C (77°F) OFF
Weather Rating	IP66
Vandal Proof	IK10 Impact Rated on AISI 316L Stainless Steel Housing"

Physical Specifications

Window	Glass w/ heater
Body Material	AISI 316L stainless steel
Body Weight	8.2 kg
Cable Grants	PG16 x 2

Certifications

EMC	CE, FCC, C-Tick

LEDs

PWR	System power status

Dimensions

Accessories

BK-103

AISI 316L Stainless steel
Wall Mount Bracket

AT-102

AISI 316L Stainless steel
Pole Mount Adapter