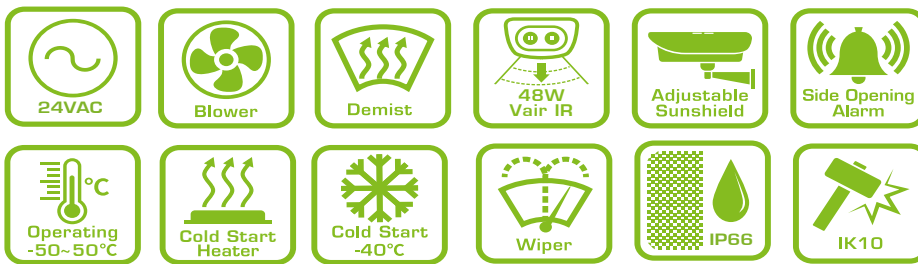


P2900-IW

P2900-AIW



24CAC ANPR Camera Housing



Video Clip Link

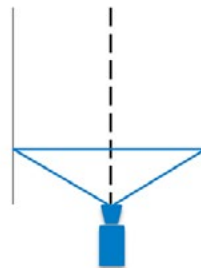
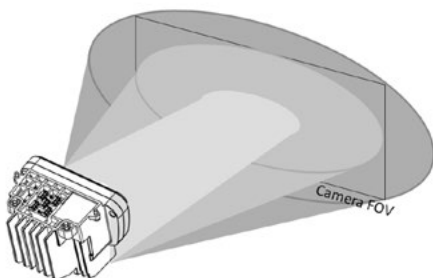
A safety city depending on ANPR implementation is becoming increasingly important. AETEK provides a series of all-in-one capacious ANPR camera housing fitting most of today's box/fixed cameras even equipped with 8-80mm varifocal lens. The camera housing is constructed from aluminum die casting to meet IP66/IK10 standards. These professional models are equipped with heater, blower, wiper, and built-in snapped in 48W IR LEDs specially using VAIR-IR technology to cover 2-lane ANPR detection. Besides elegant mechanical design, IR illuminator is snapped in camera housing directly to conceal RS-485 & power cables.

The ANPR camera housing series has 2 sub models supported by AC24V individually. P2900-IW & P2900-AIW are powered thru AC24V. P2090-AIW supports cold start at -40°C in arctic region.

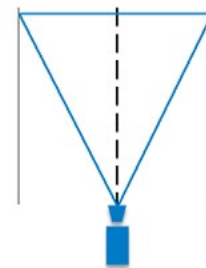
Features

VAIR LEDs Technology

VAIR technology is an optical technology to adjust illuminator beam angle by remote control thru RS485 Pelco-D command or manual dip switch to suit diversified camera FOV.

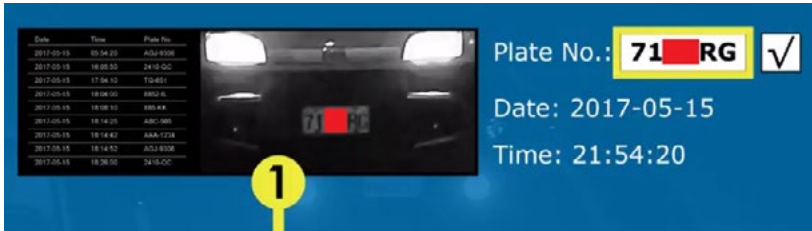


Wide angle for short distance

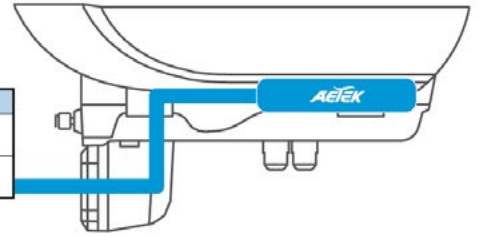


Tele angle for long distance

48W VAIR Illuminator 2-Lane ANPR



VAIR	48W			
No. of Leds	18P/Dual			
Beam angle	10°	20°	25°	30°



All-in-One Easy Installation

AC24V ANPR Camera Housing

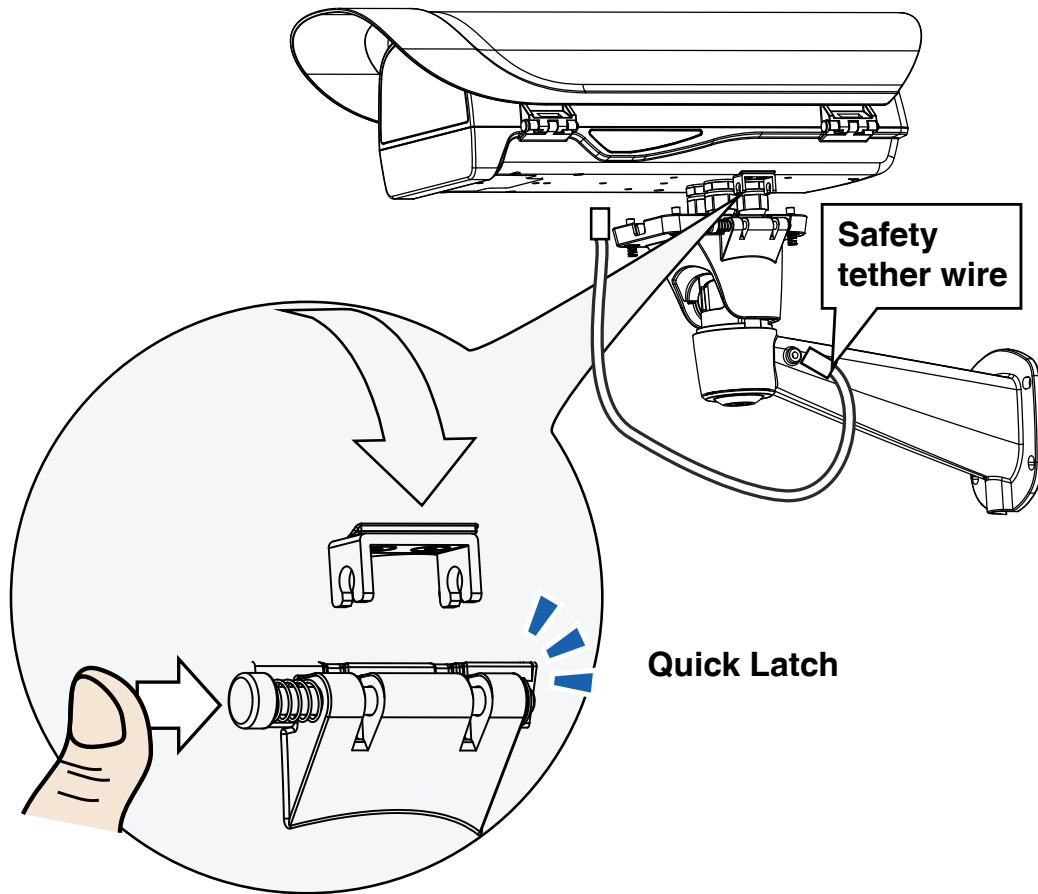


AC24V 6A Power Box

Ethernet Cable

115/230VAC Power Wire

Safety installation

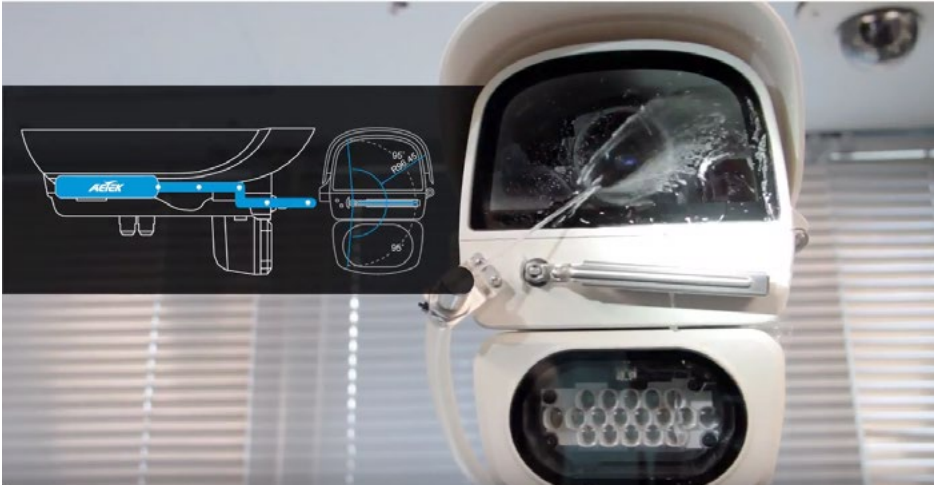


Capacious dimensions



AXIS Q1635 equipped with 8-80mm varifocal lens

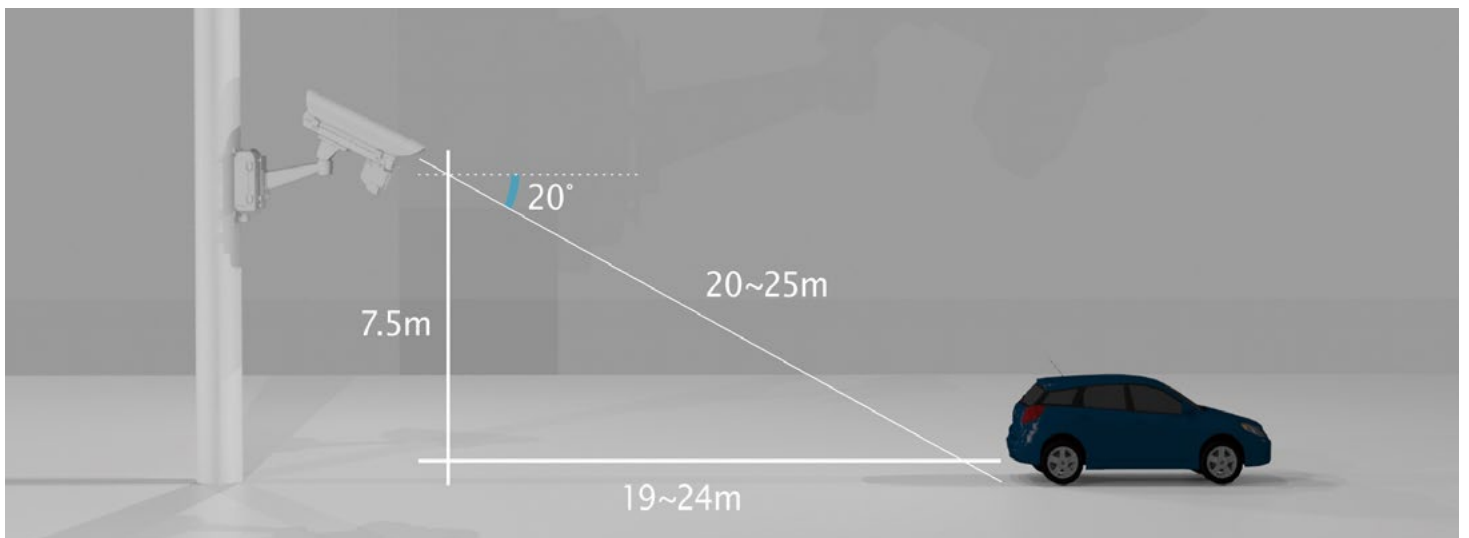
Wiper



Water Tank



Applications



Matrix Table

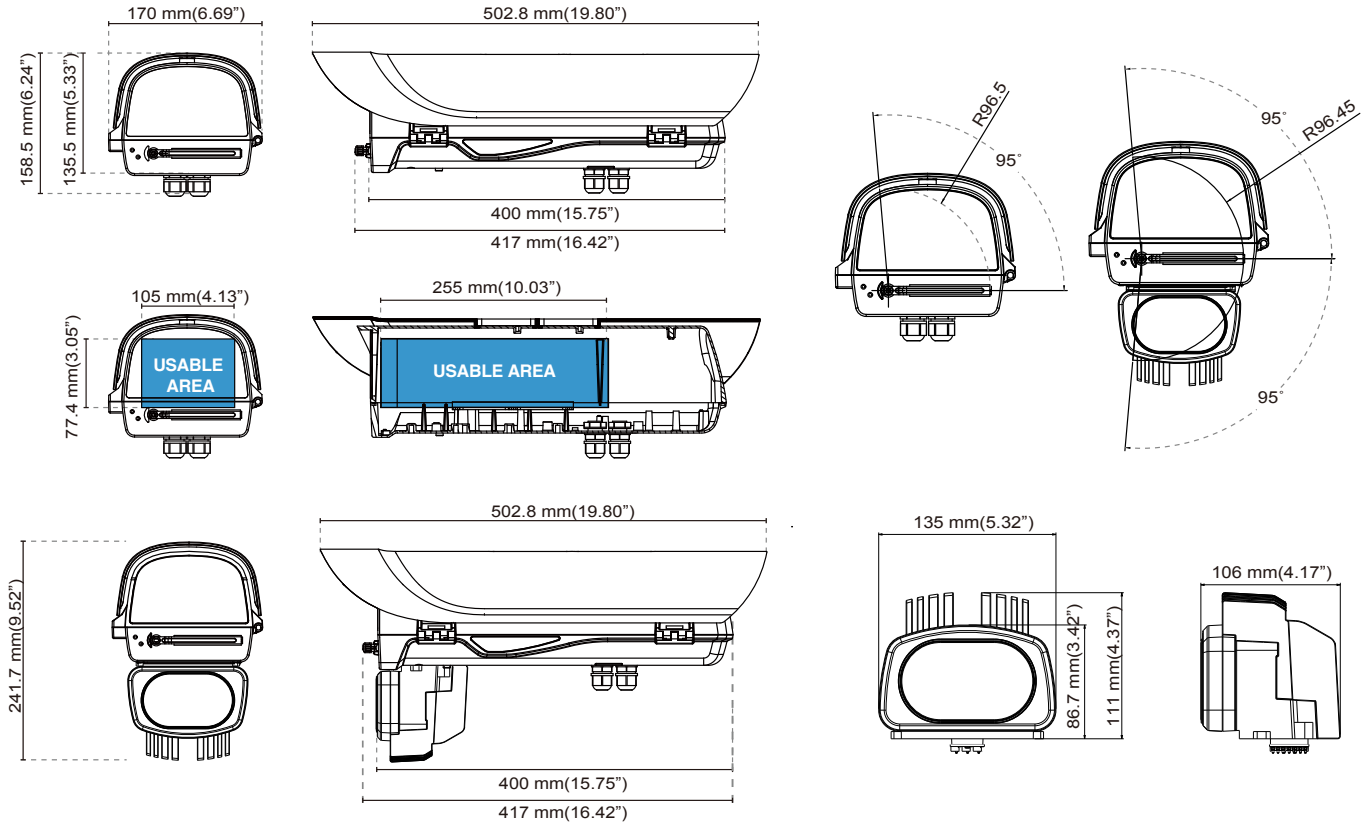
	115VAC/230VAC in	Window Heater	Cold Start Heater (at -40°C)	Adjustable Sunshield	Blower	48W VAIR LED	Side-Opening Alarm	Wiper	IP66
P2900-IW	v	v	-	v	v	v	v	v	v
P2900-AIW	v	v	v	v	v	v	v	v	v

Specifications

	P2900-IW	P2900-AIW
Electrical Specifications		
Input Voltage	115VAC/230VAC	115VAC/230VAC
Max Output Power Budget	144W	144W
Camera Power Input	12VDC or 24VAC	12VDC or 24VAC
Power Consumption	Window Heater: 10W Blower: 6W Camera: 6 ~ 8W Wiper: 6 W 48W VAIR LED: 48W	Window Heater: 10W Cold Start Heater: 30W Blower: 2W Camera: 6 ~ 8W Wiper: 6W 48W VAIR LED: 48W
VAIR Control	RS485 or DIP Switch	RS485 or DIP Switch
VAIR Beam Angle (Horizontal)	10° ~ 30°	10° ~ 30°
VAIR LED Array	18 pcs High Power LED	18 pcs High Power LED
VAIR Wavelength	850nm	850nm
VAIR Digital Input	VAIR ON/OFF control	VAIR ON/OFF control
VAIR Digital Output	Light Sensor	Light Sensor
Light Sensor Sensitivity	100 Lux (accessed via RS-485 control)	100 Lux (accessed via RS-485 control)
Wiper Control	Digital Input	Digital Input
Power Box / Junction Box	PB-024-2AC: 24VAC/144W Power Box/Junction Box	PB-024-2AC: 24VAC/144W Power Box/Junction Box
Optional 10L Water Tank & Pump	TP-100: 12W	TP-100: 12W
Mechanical Specifications		
Body Construction	Cast Aluminum	Cast Aluminum
Body & Sunshield Weight	5.1 kg (11.24 lb)	5.1 kg (11.24 lb)
Cable Grants	PF 3/4"x2 + M25x1	PF 3/4"x2 + M25x1
Environmental Specifications		
Operating Temperature*	Working: -20°C ~ 50°C (-4°F ~ 122°F)	Working: -50°C ~ 50°C (-58°F ~ 122°) Cold Startup: -40°C (-40°F)
Window Heater ON / OFF	≤ 20°C (68°F) ON ≥ 30°C (86°F) OFF	≤ 20°C (68°F) ON ≥ 30°C (86°F) OFF
Cold Start Heater ON/OFF	-	≤ 0°C (32°F) ON ≥ 5°C (41°F) OFF
Blower ON / OFF	≥ 35°C (95°F) ON ≤ 25°C (77°F) OFF	≥ 35°C (95°F) ON ≤ 25°C (77°F) OFF
Weather Rating	IP66	IP66
Vandal Proof	IK10 Impact Rated on Cast Aluminum Housing	IK10 Impact Rated on Cast Aluminum Housing
Certifications		
EMC	CE, FCC	CE, FCC




* Inside camera specification must be within housing's operating temperature.

Dimensions



Accessories

Mount Brackets



Pole Mount		Corner Mount
		
AT-100 Pole Mount Adapter	AT-101 Pole Mount Adapter	AT-200 Corner Mount Adapter

Water Tank & Pump

Water Tank & Pump	
	TP-100 • 10L Water Tank & Pump

Part Number

ANPR Camera Housing Series

	<p>P2900-IW</p> <ul style="list-style-type: none"> • ANPR Camera Housing with Wiper • Wall Mount Vrracket • 144W@24VAC Power/Junction Box 		<p>P2900-AIW</p> <ul style="list-style-type: none"> • Artic ANPR Camera Housing with Wiper • Wall Mount Vrracket • 144W@24VAC Power/Junction Box
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