



**P20**

Professional AC24V Camera Housing

**P50/P60**

Professional PoE/UPoE Camera Housing

**P29/P69**

ANPR Camera Housing

**A21/A51**

Thermal Camera Housing

**A5x-E**

Long Range EPoC Camera Housing

**A10/A50**

Affordable AC24V,DC24V/PoE Camera Housing

**S20/S60**

AISI 316L Stainless Steel AC24V/PoE Camera Housing

Easy Installation  
All-in-One Design

**Camera Housing**

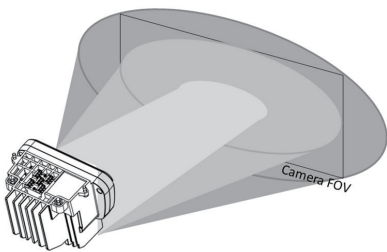


## Professional Camera Housing Line

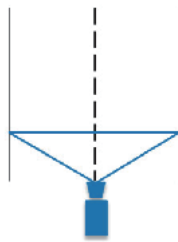
| P20 Series                                                                                                                                                                                                                                                 | P50 Series    | P60 Series       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|
| AC24V Input                                                                                                                                                                                                                                                | 30W PoE Input | 60/95W PoE Input |
| <ul style="list-style-type: none"> <li>- ITB(Illuminator Touch Board) for optional Vair-IR illuminator</li> <li>- quick latch &amp; tether wire for safety installation</li> <li>- side opening alarm interface</li> <li>- Adjustable sunshield</li> </ul> |               |                  |
| <ul style="list-style-type: none"> <li>- optional wiper</li> <li>- optional cold start heater</li> </ul>                                                                                                                                                   |               |                  |
| <ul style="list-style-type: none"> <li>- I : ITB(Illuminator touch board)</li> <li>- W: Wiper</li> <li>- A: Artic cold start heater at -40°C (operating temperature -50°C)</li> </ul>                                                                      |               |                  |
| <ul style="list-style-type: none"> <li>- fit camera equipped 8-80mm varifocal lens</li> <li>- Window heater for demisting &amp; deicing</li> <li>- Blower</li> </ul>                                                                                       |               |                  |
| <ul style="list-style-type: none"> <li>- optional vai-IR illuminator</li> <li>- optional water tank &amp; pump</li> </ul>                                                                                                                                  |               |                  |

### VAIR Illuminator Technology

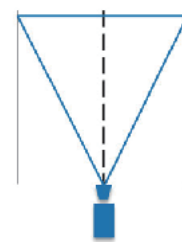
VAIR technology is an optical technology to adjust illuminator beam angle by remote control thru RS485 Pelco-D command or manual dip switch to suit camera FOV



Wide angle for short distance



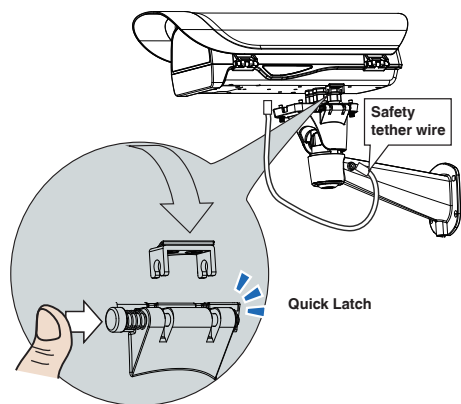
Tele angle for long distance



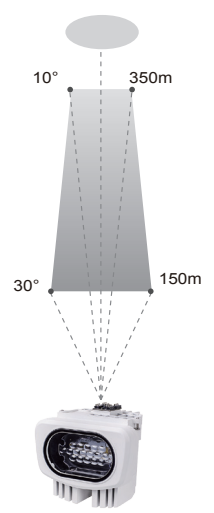
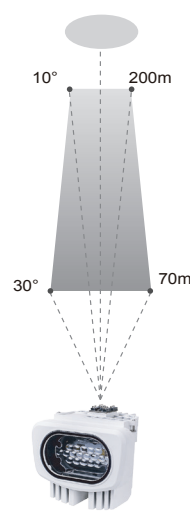
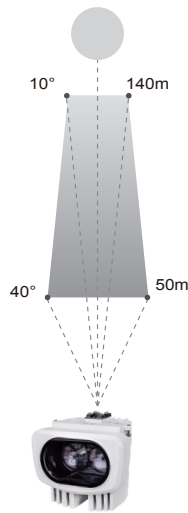
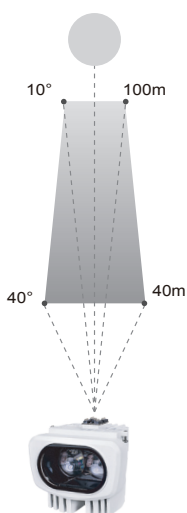
### Without exposing power cable & RS485 wire for illuminator



### Safety tether wire & Quick latch for safety installation



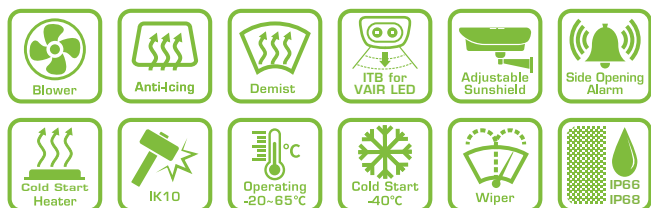
| VR-060                | VR-120                 | VR-241                 | VR-481                 |
|-----------------------|------------------------|------------------------|------------------------|
| Snap-in<br>6W IR LEDs | Snap-in<br>12W IR LEDs | Snap-in<br>24W IR LEDs | Snap-in<br>48W IR LEDs |



# P2000-I P2000-AI P2000-IW P2000-AIW



## Professional AC24V Camera Housing

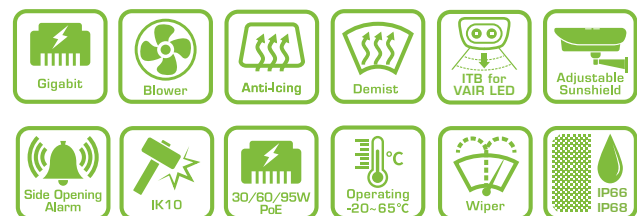


- IP68/IK10
- Window heater & blower
- Adjustable sunshield
- Powered by AC24V
- I: ITB(Illuminator touch board)
- A: Artic cold start heater at -40°C (operating temperature -50°C)
- W: Wiper

P20 Series Matrix Table

|           | 24VAC In | PoE 30W In | PoE 30/60/95W In | Window Heater | Camera Heater (-50°C ~ -50°C ) | Adjustable Sunshield | Blower | ITB for Optional 6W VAIR LED | ITB for Optional 12/24W VAIR LED | ITB for Optional 48W VAIR LED | Side-Opening Alarm | Wiper | IP66 | IP68 |
|-----------|----------|------------|------------------|---------------|--------------------------------|----------------------|--------|------------------------------|----------------------------------|-------------------------------|--------------------|-------|------|------|
| P2000-I   | V        | -          | -                | V             | -                              | V                    | V      | V                            | V                                | V                             | V                  | -     | -    | V    |
| P2000-AI  | V        | -          | -                | V             | V                              | V                    | V      | V                            | V                                | V                             | V                  | -     | -    | V    |
| P2000-IW  | V        | -          | -                | V             | -                              | V                    | V      | V                            | V                                | V                             | V                  | V     | V    | -    |
| P2000-AIW | V        | -          | -                | V             | V                              | V                    | V      | V                            | V                                | V                             | V                  | V     | V    | -    |

# P5000-I P6000-I P6000-IW



- IP68/IK10
- Window heater & blower
- Adjustable sunshield
- Powered by 60W / 95W PoE
- I: ITB(Illuminator touch board for optional 6W/12W/24W VAIR illuminator as 60W PoE is input)
- ITB(Illuminator touch board for optional 48W VAIR illuminator as 95W PoE is input)
- W: Wiper

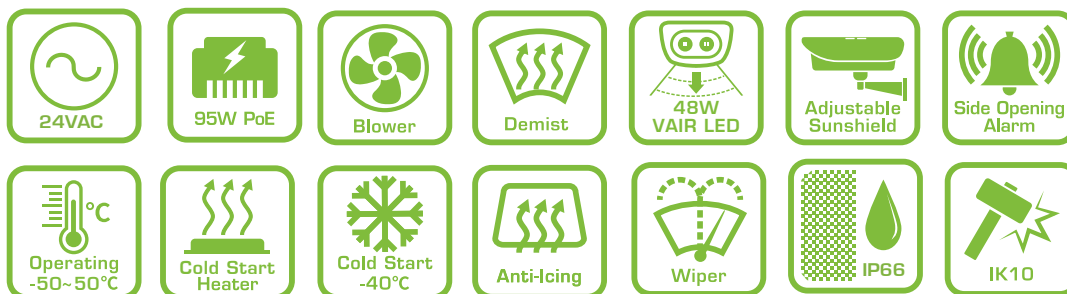
P50/P60 Series Matrix Table

|          | 24VAC In | PoE 30W In | PoE 30/60/95W In | Window Heater | Camera Heater (-50°C ~ -50°C ) | Adjustable Sunshield | Blower | ITB for Optional 6W VAIR LED | ITB for Optional 12/24W VAIR LED | ITB for Optional 48W VAIR LED | Side-Opening Alarm | Wiper | IP66 | IP68 |
|----------|----------|------------|------------------|---------------|--------------------------------|----------------------|--------|------------------------------|----------------------------------|-------------------------------|--------------------|-------|------|------|
| P5000-I  | -        | V          | -                | V             | -                              | V                    | V      | V                            | -                                | -                             | V                  | -     | -    | V    |
| P6000-I  | -        | -          | V                | V             | -                              | V                    | V      | V                            | v(60W PoE)                       | v(95W PoE)                    | V                  | -     | -    | V    |
| P6000-IW | -        | -          | V                | V             | -                              | V                    | V      | V                            | v(60W PoE)                       | v(95W PoE)                    | V                  | V     | V    | -    |

# P2900-IW P2900-AIW P6900-IW



## ANPR Camera Housing



Video Clip Link

P29/P69 Series Matrix Table

|           | 24VAC in | 95W PoE in | Window Heater | Cold Start Heater (-50°C ~50°C) | Adjustable Sunshield | Blower | 48W VAIR Illuminator | 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    |
| P6900-IW  | -        | v          | v             | -                               | v                    | v      | v                    | v                  | v     | v    |

# A2100 A5100 A5100-E



## Thermal Camera Housing



A21/A51 Series Matrix Table

|         | Germanium window | 24VAC In | PoE 30W In | EPoC In | Heater | Adjustable Sunshield | Blower | Wiper | IP66 | IP68 |
|---------|------------------|----------|------------|---------|--------|----------------------|--------|-------|------|------|
| A2100   | v                | v        | -          | -       | v      | v                    | v      | -     | -    | v    |
| A5100   | v                | -        | v          | -       | v      | v                    | v      | -     | -    | v    |
| A5100-E | v                | -        | -          | v       | v      | v                    | v      | -     | -    | v    |

# A5000-E A5020-E A5100-E



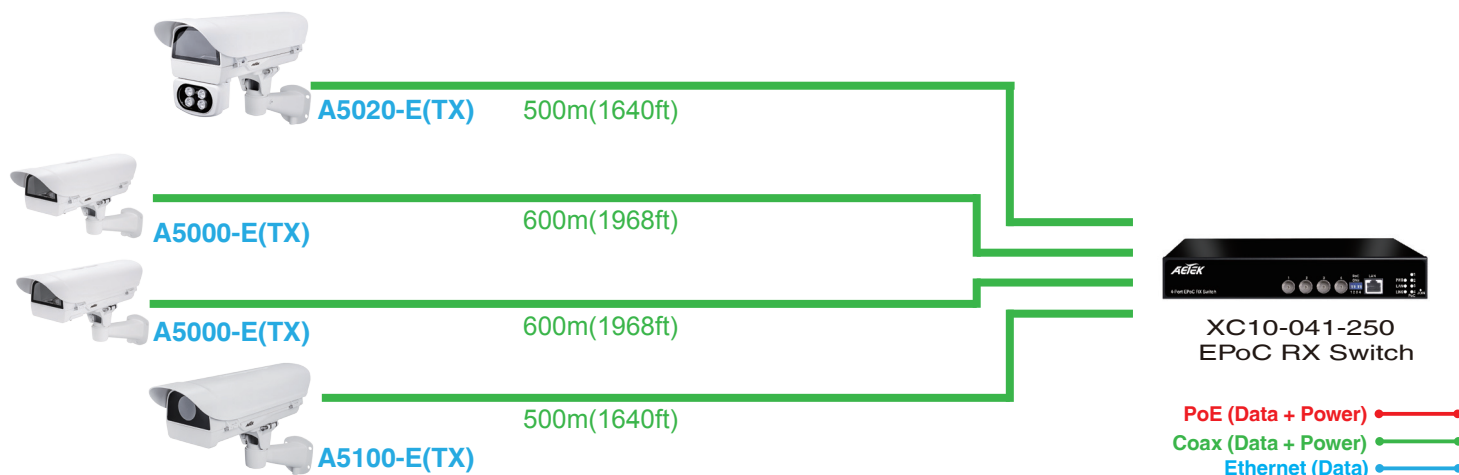
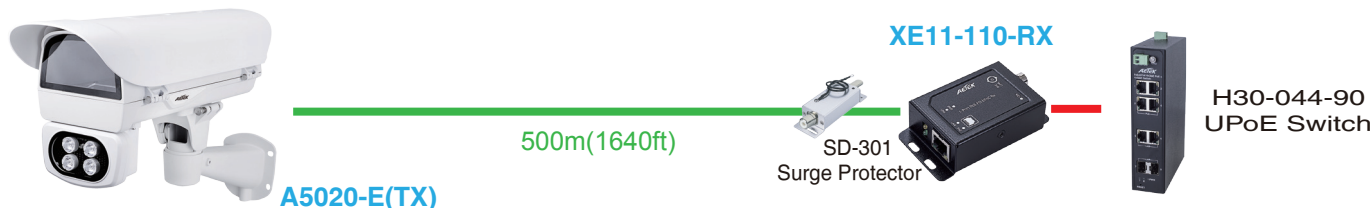
## Long Reach EPoC Camera Housing

**EPoC** (Ethernet & Power over Coax) Camera Housing is a long-reach solution providing Fast Ethernet and PoE over coaxial cable up to 20W@600m or 25W@500m for any brand of PoE IP box camera. A5x-E Camera Housing also is often used to upgrade legacy of CCTV to IP surveillance without changing pre-deployed RG59-U/RG6 coax. Built-in 6KV surge protection is standard specification in A5x-E Camera Housing for outdoor environment.

### 20W Power Budget



### 25W Power Budget



### A5x-E Series Matrix Table

|         | EPoC In | MAX Distance | Output Power Budget | Germanium window | Window Heater | Adjustable Sunshield | Blower | Built-in 6W Fixed IR | 6KV Surge Protection | IK10 | IP66 | IP68 |
|---------|---------|--------------|---------------------|------------------|---------------|----------------------|--------|----------------------|----------------------|------|------|------|
| A5000-E | v       | 600m(1968ft) | 20W                 | -                | v             | v                    | v      | -                    | v                    | v    | -    | v    |
| A5020-E | v       | 500m(1640ft) | 25W                 | -                | v             | v                    | v      | 50m (164ft)          | v                    | v    | v    | -    |
| A5100-E | v       | 500m(1640ft) | 25W                 | v                | -             | v                    | v      | -                    | v                    | v    | -    | v    |

## Affordable Camera Housing Line

## A10 Series

## AC24V/DC24V Input

- fit camera equipped with 8-80mm varifocal lens
- Adjustable Sunshield

## A50 Series

## 30W PoE Input

- Window heater for demisting & deicing
- Blower

# A1000



- IP68/IK10
- Window heater & blower
- Adjustable sunshield
- Powered by AC24V/DC24V input

# A1020



- IR illuminator viewing up to 50m
- IP66/IK10
- Window heater & blower
- Adjustable sunshield
- Powered by AC24V/DC24V input

# A5000



- IP68/IK10
- Window heater & blower
- Adjustable sunshield
- Powered by 30W PoE input

# A5020

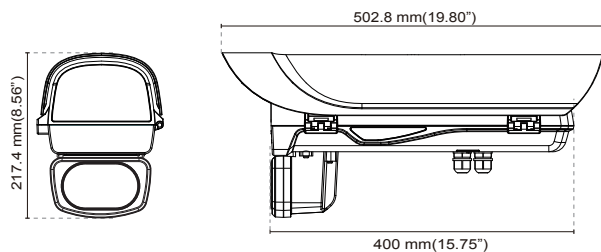
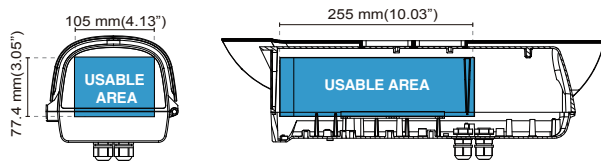
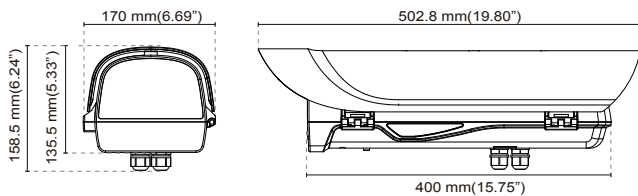


- IR illuminator viewing up to 50m
- IP66/IK10
- in-dow heater & blower
- Adjustable sunshield
- Powered by 30W PoE input

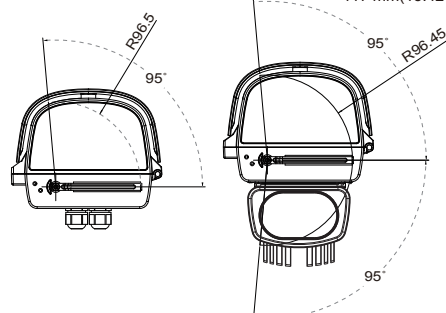
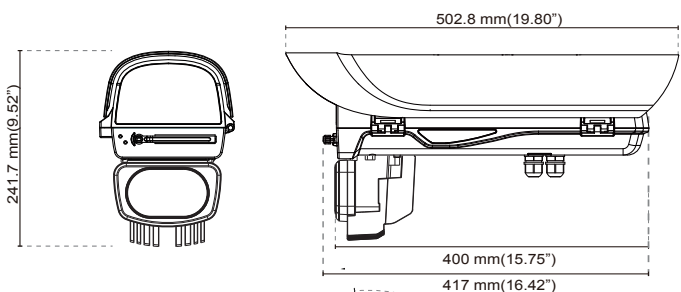
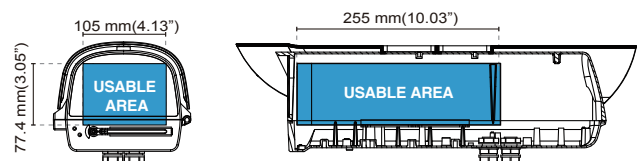
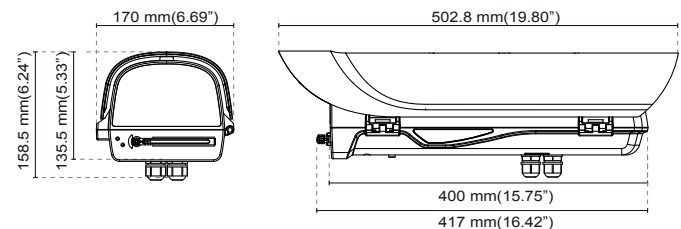
## A10/A50 Series Matrix Table

|       | 24VAC/DC In | PoE 30W In | PoE 30/60/95W In | Window Heater | Camera Heater (-50°C ~50°C ) | Adjustable Sunshield | Blower | Built-in 6W Fixed IR | ITB for Optional 6W VAIR IR | ITB for Optional 12W/24W/48W VAIR IR | Side-Opening Alarm | Wiper | IP66 | IP68 |
|-------|-------------|------------|------------------|---------------|------------------------------|----------------------|--------|----------------------|-----------------------------|--------------------------------------|--------------------|-------|------|------|
| A1000 | V           | -          | -                | V             | -                            | V                    | V      | -                    | -                           | -                                    | -                  | -     | -    | V    |
| A1020 | V           | -          | -                | V             | -                            | V                    | V      | v(50m)               | -                           | -                                    | -                  | -     | V    | -    |
| A5000 | -           | V          | -                | V             | -                            | V                    | V      | -                    | -                           | -                                    | -                  | -     | -    | V    |
| A5020 | -           | V          | -                | V             | -                            | V                    | V      | v(50m)               | -                           | -                                    | -                  | -     | V    | -    |

## Dimensions



**AXIS Q1635 + 8 – 80mm**  
varifocus lens



## Accessories

### Brackets

| Wall Mount Bracket                                                                |                                                                        | Ceiling Mount Bracket                                                             |                                                                                     | Standing Mount Bracket                                                              |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  | <b>BK-101</b><br>Wall Mount Bracket<br>Safety Wire<br>Concealing Cable |  |  |  |
|                                                                                   | <b>BK-102</b><br>Wall Mount Bracket                                    | <b>BK-200</b><br>J-type<br>Ceiling Mount Bracket                                  | <b>BK-201</b><br>Flexible J-type<br>Ceiling Mount Bracket                           | <b>BK-300</b><br>Standing Mount Bracket                                             |

### Adapters

| Pole Mount                                                                        |                                                                                   | Corner Mount                                                                      | Fit                                                                               | Wall Mount                                                                          | Fit                                                                                 |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| <b>AT-100</b><br>Pole Mount Adapter                                               | <b>AT-101</b><br>Pole Mount Adapter                                               | <b>AT-200</b><br>Corner Mount Adapter                                             | <b>BK-101</b>                                                                     | <b>JB-100</b><br>Junction Box                                                       | <b>BK-102</b>                                                                       |
|                                                                                   |                                                                                   |                                                                                   |  |                                                                                     |  |
|                                                                                   |                                                                                   |                                                                                   | <b>BK-102</b>                                                                     |                                                                                     | <b>AT-101</b>                                                                       |
|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |  |
|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     | <b>AT-200</b>                                                                       |

### Power Boxes

| Outdoor Powe Box                                                                   |                                                                                                                         | Outdoor Power Box / Junction Box                                                    |                                                                                                                                  |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  | <b>PB-024-1AC</b><br>Outdoor Power Box<br>• IP67/IK10<br>• 115VAC / 230VAC Input<br>• 24VAC/6A Output<br>• -40°C ~ 60°C |  | <b>PB-024-2AC</b><br>Outdoor Power/Junction Box<br>• IP67/IK10<br>• 115VAC / 230VAC Input<br>• 24VAC/6A Output<br>• -40°C ~ 60°C |

### VAIR IR LEDs

| VAIR IR LEDs                                                                        |                                                 |                                                                                     |                                                 |
|-------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|
|  | <b>VR-060</b><br>• Snap Vair 10~40° IR LED, 6W  |  | <b>VR-241</b><br>• Snap Vair 10~30° IR LED, 24W |
|                                                                                     | <b>VR-120</b><br>• Snap Vair 10~40° IR LED, 12W |                                                                                     | <b>VR-481</b><br>• Snap Vair 10~30° IR LED, 48W |

### Water Tank & Pump

| Water Tank & Pump                                                                     |                                          |
|---------------------------------------------------------------------------------------|------------------------------------------|
|  | <b>TP-100</b><br>• 10L Water Tank & Pump |

### Outdoor FE PoE Switches

| Outdoor Unmanaged FE PoE Switch                                                     |                                                                                         |                                                                                     |                                                                                            |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  | <b>H21-041-30-075</b><br>• 4xFE PoE (30W) + 1xFE RJ45<br>• 100~240VAC, 75W power budget |  | <b>H21-082-30-150</b><br>• 8xFE PoE (30W) + 2xCombo GbE<br>• 100~240VAC, 150W power budget |

### Outdoor GbE PoE Switches

| Outdoor Unmanaged GbE PoE Switch                                                    |                                                                                                        | Outdoor L2 Plus Managed Switch                                                      |                                                                                                        |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
|  | <b>H40-044-30-150</b><br>• 4xGbE PoE (30W) + 2xGbE SFP + 2xGbE RJ45<br>• 100~240VAC, 150W Power Budget |  | <b>H80-044-30-150</b><br>• 4xGbE PoE (30W) + 2xGbE SFP + 2xGbE RJ45<br>• 100~240VAC, 150W Power Budget |
|                                                                                     | <b>H40-082-30-250</b><br>• 8xGbE PoE (30W) + 2xGbE SFP<br>• 100~240VAC, 250W Power Budget              |                                                                                     | <b>H80-084-30-250</b><br>• 8xGbE PoE (30W) + 4xGbE SFP<br>• 100~240VAC, 250W Power Budget              |
|                                                                                     | <b>H40-044-60-250</b><br>• 4xGbE PoE (60W) + 2xGbE SFP + 2xGbE RJ45<br>• 100~240VAC, 250W Power Budget |                                                                                     | <b>H80-044-60-250</b><br>• 4xGbE PoE (60W) + 2xGbE SFP + 2xGbE RJ45<br>• 100~240VAC, 250W Power Budget |

# S1000

# S2000-I

# S2000-IW

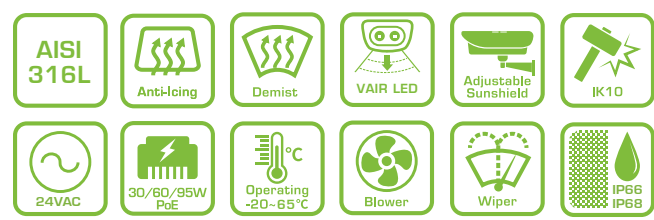
# S5000

# S6000-I

# S6000-IW



## Stainless Steel AC24V/PoE Camera Housing



- IP66 or IP68/IK10
- Window heater & blower
- Adjustable sunshield
- Powered by AC24V or PoE
- AISI 316L stainless steel construction
- Fits corrosive & severe environments
- I: VAIR LED
- W: Wiper

Stainless Series Matrix Table

|          | 24VAC in | PoE 30W in | PoE 30/60/95W in | Window Heater | Adjustable Sunshield | Blower | 12W VAIR LED | Wiper | IP66 | IP68 | IK10 |
|----------|----------|------------|------------------|---------------|----------------------|--------|--------------|-------|------|------|------|
| S1000    | V        | -          | -                | V             | V                    | V      | -            | -     | -    | V    | V    |
| S2000-I  | V        | -          | -                | V             | V                    | V      | V            | -     | V    | -    | V    |
| S2000-IW | V        | -          | -                | V             | V                    | V      | V            | V     | V    | -    | V    |
| S5000    | -        | V          | -                | V             | V                    | V      | -            | -     | -    | V    | V    |
| S6000-I  | -        | -          | V                | V             | V                    | V      | V            | -     | V    | -    | V    |
| S6000-IW | -        | -          | V                | V             | V                    | V      | V            | V     | V    | -    | V    |

### Dimensions

