

# 30S Series



Allison Park Group, Inc.

The 30S Series enclosure is designed to house up to 30 x 44mm cameras, lasers, or sensors. It is designed to work in highly corrosive environments making it ideal for food applications.

## Product Features

- Constructed with food safe materials
- IP69K optional
- Captive fasteners
- Adjustable to handle long or wide angle lenses
- Available in three standard body lengths: 139.7, 190.5, or 250mm
- Custom lengths available

## Construction

- 316 stainless steel body, base, and fasteners
- Tumbled polish finish

## Environment

- NEMA 6/IP68

## Accessories

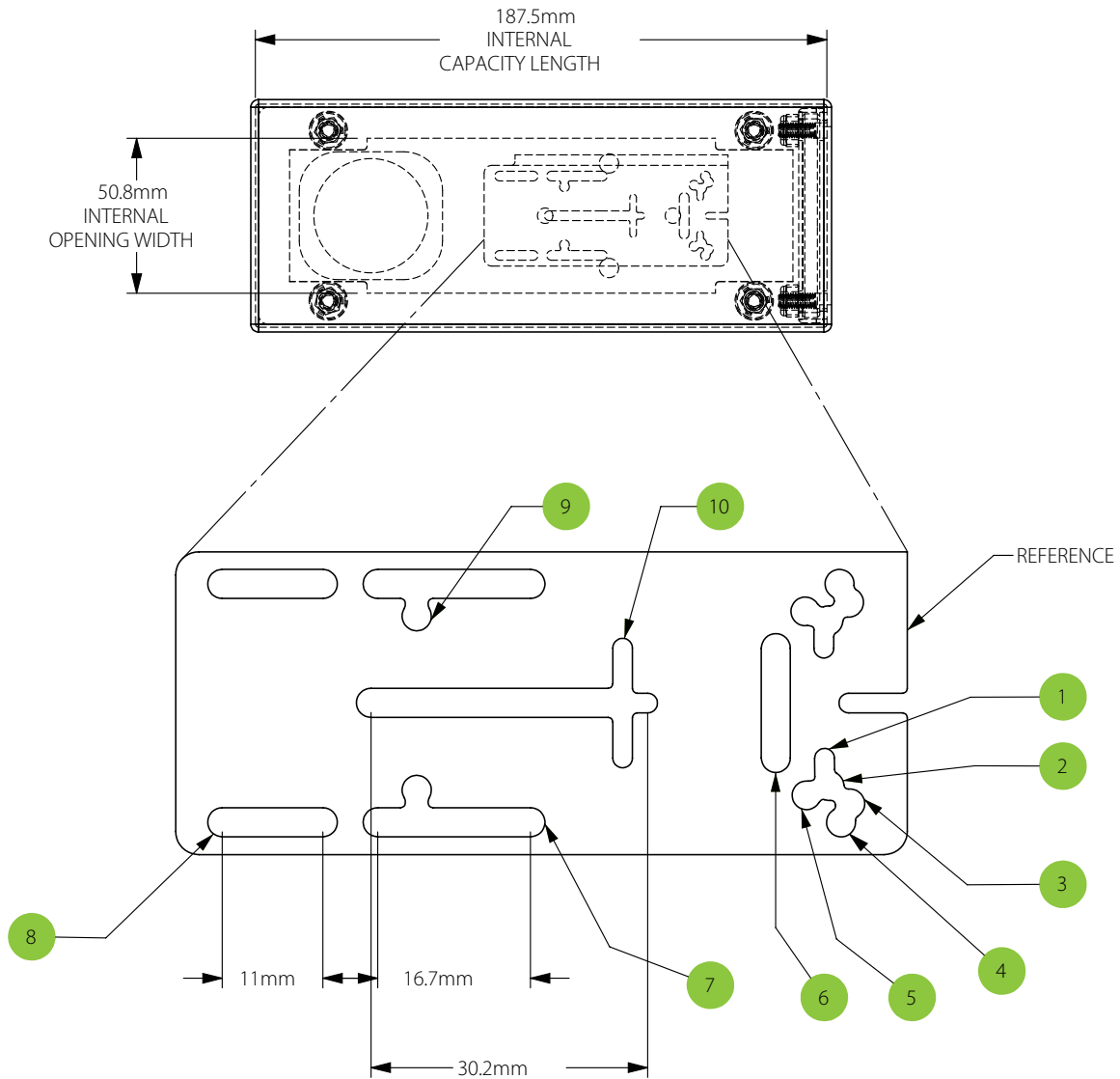
- Pan & Tilt Mount
- Sun shield
- Heat shield
- Germanium VP holder
- Shutter
- Custom logo
- Air curtain/Air cooling



## Camera and Lens Size Viewing Window

| Universal Models   | Camera Mounting        | Viewport                                 | Viewing Area | Cable Entry            |
|--|------------------------|--|--------------|------------------------|
| Model 30S-AD Length: 191mm<br>Net weight: 1.6 kg (3.5 lbs), Gross weight: 1.8 kg (4 lbs) | Universal camera mount | Abrasion resistant optical grade acrylic | 58mm Dia.    | PG29 Split cable gland |
| Model 30S-AF Length: 191mm<br>Net weight: 1.6 kg (3.5 lbs), Gross weight: 1.8 kg (4 lbs) | Universal camera mount | Abrasion resistant optical grade acrylic | 58mm Dia.    | PG29 Split cable gland |
| Model 30S-AG Length: 191mm<br>Net weight: 1.8 kg (4 lbs), Gross weight: 2.3 kg (5 lbs)   | Universal camera mount | Soda Lime glass                          | 58mm Dia.    | PG29 Split cable gland |
| Model 30S-AH Length: 191mm<br>Net weight: 1.8 kg (4 lbs), Gross weight: 2.3 kg (5 lbs)   | Universal camera mount | Soda Lime glass                          | 58mm Dia.    | PG29 Split cable gland |
| Camera Specific Models   | Camera mounting        |  |              |                        |
| Model 30S-BH Length: 175mm<br>Net weight: 0.7 kg (1.5 lbs), Gross weight: 0.9 kg (2 lbs) | Cognex Dataman         | Abrasion resistant optical grade acrylic | 58mm Dia.    | PG29 Split cable gland |
| Model 30S-BL Length: 175mm<br>Net weight: 0.7 kg (1.5 lbs), Gross weight: 0.9 kg (2 lbs) | Cognex Dataman         | Soda Lime glass                          | 58mm Dia.    | PG29 Split cable gland |
| Model 30S-BS Length: 191mm<br>Net weight: 1.8 kg (4 lbs), Gross weight: 2.3 kg (5 lbs)   | Microscan GigE         | Abrasion resistant optical grade acrylic | 58mm Dia.    | PG29 Split cable gland |
| Model 30S-CI Length: 191mm<br>Net weight: 1.8 kg (4 lbs), Gross weight: 2.3 kg (5 lbs)   | IDS Ueye               | Abrasion resistant optical grade acrylic | 58mm Dia.    | PG29 Split cable gland |

# 30S Series



| Item Number | Fastener Size, metric | Hole Spacing Across Width, mm | Distance from Reference, mm |
|-------------|-----------------------|-------------------------------|-----------------------------|
| 1           | M2                    | 12                            | 9.0                         |
| 2           | M3                    | 18                            | 8.5                         |
| 3           | M3                    | 22                            | 6.3                         |
| 4           | M3                    | 26                            | 7.2                         |
| 5           | M3                    | 20                            | 11                          |
| 6           | M3                    | 12                            | 14.3                        |
| 7           | M3                    | 26                            | Slot DIM. Above             |
| 8           | M3                    | 26                            | Slot DIM. Above             |
| 9           | M3                    | 19                            | 53.6                        |
| 10          | M2                    | 12                            | 31.1                        |

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