

24C Series

apg

Allison Park Group, Inc.

Pyramid Imaging

The 24C Series enclosure is designed to house up to 44 x 30mm cross section inline cameras, lasers, or sensors. It is especially useful for robot applications, and is small and light enough to be mounted on the arm or end effector. The enclosure provides complete access to the camera and lens without the use of tools.

Product features

- Lightweight
- Miniature
- Rugged
- Air cooling/Air curtain
- Available in three standard barrel lengths: 162.6, 177.8, and 241.3mm
- Custom lengths available

Construction

- 6061 aluminum body, barrel, and base
- 18-8 fasteners
- Hardcoat anodized finish

Environment

- Indoor/outdoor NEMA 4/IP65 if used without air curtain

Accessories

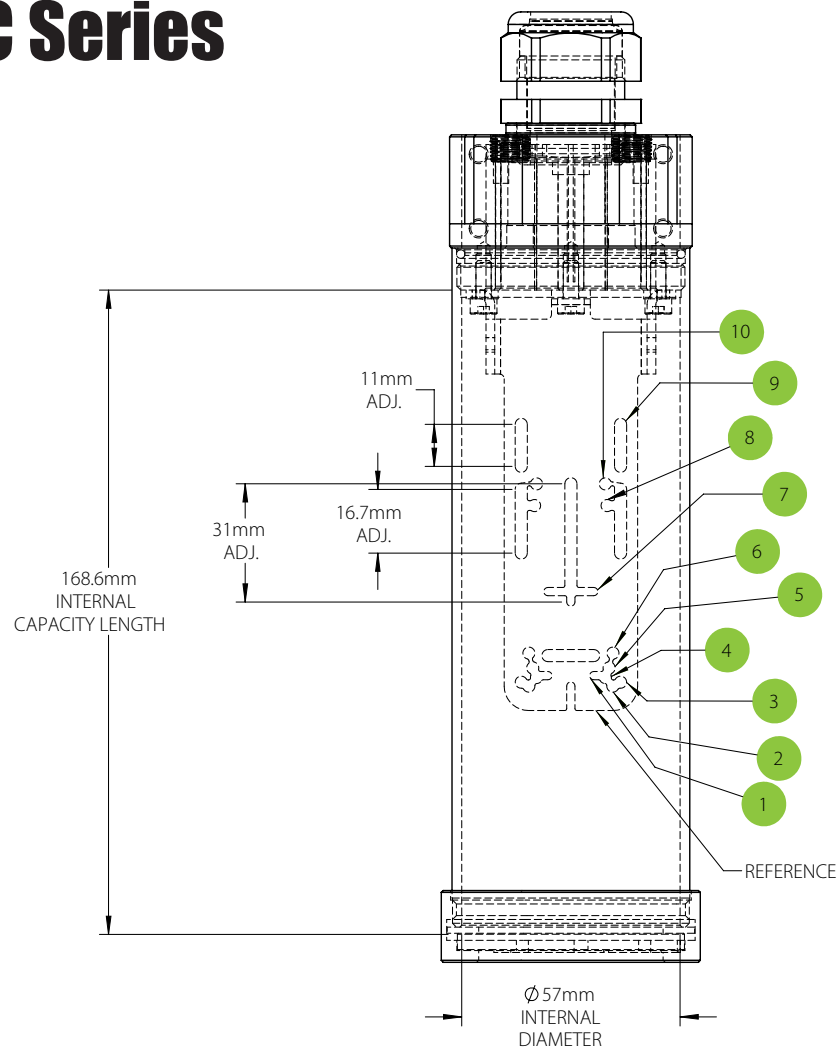
- Pan & Tilt Mount
- Shutter
- Sun shield
- Dome viewport



Camera and Lens Size Viewing Window

Universal Models	Camera Mounting	Viewport	Viewing Area	Cable Entry
Model 24C-AF length: 242mm Net weight: .8 kg (1.7 lbs), Gross weight: .9 kg (2 lbs)	Universal camera mount	Abrasion resistant optical grade acrylic	48mm Dia.	PG21 Split cable gland
Model 24C-AH length: 242mm Net weight: .8 kg (1.7 lbs), Gross weight: .9 kg (2 lbs)	Universal camera mount	Soda Lime glass	48mm Dia.	PG21 Split cable gland
Model 24C-AK length: 267mm Net weight: .7 kg (1.5 lbs), Gross weight: .9 kg (2 lbs)	Universal camera mount	Soda Lime glass	48mm Dia.	PG21 Split cable gland
Model 24C-BB length: 305mm Net weight: .7 kg (1.6 lbs), Gross weight: .9 kg (2 lbs)	Universal camera mount	Soda Lime glass	48mm Dia.	PG21 Split cable gland
Camera Specific Models	Camera mounting			
Model 24C-BD length: 279mm Net weight: .7 kg (1.6 lbs), Gross weight: .9 kg (2 lbs)	Basler Pilot	Soda Lime glass	48mm Dia.	PG21 Split cable gland
Model 24C-CK length: 216mm Net weight: .6 kg (1.4 lbs), Gross weight: .9 kg (2 lbs)	Cognex Insight 8000	Abrasion resistant optical grade acrylic	48mm Dia.	PG21 Split cable gland
Model 24C-CL length: 216mm Net weight: .6 kg (1.4 lbs), Gross weight: .9 kg (2 lbs)	Cognex Insight 8000	Soda Lime glass	48mm Dia.	PG21 Split cable gland

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Item Number	Fastener Size, metric	Hole Spacing Across Width, mm	Distance from Reference, mm
1	M2	12	9.1
2	M3	22	6.4
3	M3	26	7.4
4	M3	18	8.6
5	M3	20	11.5
6	M3	22	15
7	M2	12	31.1
8	M3	19	53.6
9	M3	26	Slots DIM. Above
10	M3	18	59.3



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