



SPECIFICATIONS

| Display | |
|--------------------------|---|
| LCD | 2.9" color |
| LCD Type | IPS TFT LCD |
| Brightness | 600 nits |
| Viewing angles | 80 + / 80 + |
| Resolution | 376 (H) x 960 (V) pixels (RGB) |
| Contrast Ratio | 1:1500 |
| Networking | |
| Network Ports | 1x 10/100/1000 Mbps/s Ethernet 1x 10/100/1000 Mbps/s PoE-In Ethernet |
| Network connector type | RayNet |
| Power | |
| PoE class | Class 2 |
| Nominal supply voltage | PoE: 48 V dc Alternate power: 12 V / 24 V dc |
| Operating supply voltage | PoE: 44 V to 57 V dc Alternate power: 8 V to 32 V dc |
| Power consumption | 5 W Max with full keypad illumination |
| Environmental | |
| Operating temperature | -25 °C to +55 °C (-13 °F to 131 °F) |
| Storage temperature | -30 °C to +70 °C (-22 °F to 158 °F) |
| Relative humidity | Maximum 93% @ +40 °C (104 °F) |
| Waterproof rating | IPx6 |

Key Features

- Provides ergonomic and responsive control of FLIR marine cameras while underway
- The 2.9" color LCD and keypad simplify camera operation and offer easy access to the joystick setup configuration menus
- Rugged, low profile 3-axis joystick for precision camera control in all conditions
- Dimmable LCD and back lit keypad preserve vision during nighttime operations
- 3 custom keys for user-defined camera functions

Applications

- Marine law enforcement professionals who require rugged and intuitive camera control
- Recreational and commercial marine captains who actively navigate with thermal
- FLIR M100, M200, M300, M400, M500 Series cameras, as well as many legacy FLIR camera models



Pair the JCU-4 with a marine monitor and camera for a complete camera viewing and control solution



For more information and to find your local support number, visit:
FLIR.com/contactsupport
www.FLIR.com

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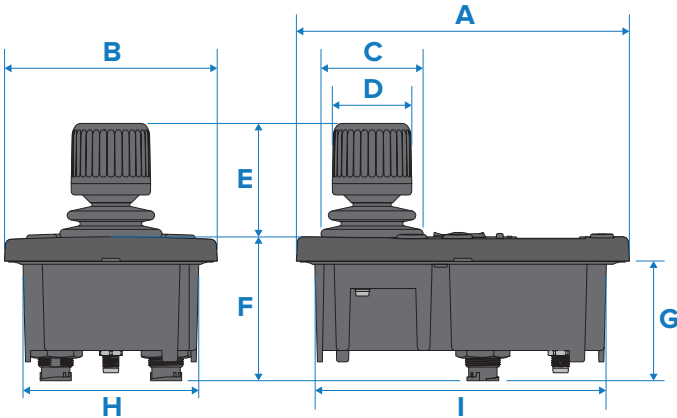
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JCU-4

Marine Joystick Control Unit

| Conformance | |
|----------------------|---|
| Ethernet/PoE | IEEE 802.3 IEEE 802.3af (PoE) |
| EMC | EN60945 |
| Warranty and Service | |
| Warranty | 2 Years plus a 3rd year with product registration |
| Support | maritime-support.flir.com |
| Ordering | |
| Part No. | E70695 |



| Dimensions | | | |
|------------|---------------------|---|---------------------|
| A | 146.66 mm (5.77 in) | F | 63.36 mm (2.49 in) |
| B | 93.66 mm (3.69 in) | G | 52.71 mm (2.08 in) |
| C | 44.99 mm (1.97 in) | H | 77.39 mm (3.05 in) |
| D | 35.00 mm (1.38 in) | I | 128.39 mm (5.05 in) |
| E | 49.94 mm (1.97 in) | | |

| Box Contents | |
|--------------|---|
| 1 | 1x JCU-4 (includes 4x screws and 4x mounting plates pre-fitted). |
| 2 | 1x Front cover. |
| 3 | 1x Weather cover. |
| 4 | 1x Documentation pack. |
| 5 | 1x Right-angled RayNet (Ethernet) to RJ45 adapter cable, 3 m (9.84 ft). |
| 6 | 1x Right-angled 3-pin power cable, 3 m (9.84 ft). |



| JCU-4 Controls | |
|----------------|---------------------------------|
| 1 | Power |
| 2 | Park |
| 3 | Menu |
| 4 | LCD |
| 5 | Back |
| 6 | Color Palette |
| 7 | Contrast |
| 8 | Joystick for pan, tilt and zoom |
| 9 | Acquire target |
| 10 | Payload Switcher |
| 11 | Navigation Pad |
| 12 | Return to Home |
| 13 | Select |
| 14 | User programmable keys |

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