

IRIS®



IM-DCS-Q4 Video Quad Switcher

The IM-DCS-Q4 Video Quad Switcher from Iris Innovations is a unique purpose designed marine video switcher to allow up to four CCTV camera images to be displayed individually or simultaneously on a single video screen or chart plotter.

Housed in a rugged ABS plastic housing, the switcher unit itself features four camera inputs and a dual camera output. Control of the switcher is provided by a small, water resistant and UV stabilised keypad controller measuring only 74mm x 74mm mounted on the helm, which means the switcher unit and cabling can safely and neatly be stored well out of the way making for a safer and neater installation. Additional keypads can be added to provide multiple control positions.

In addition to the individual camera and quad video display options, camera inputs can be inset into other images to provide a picture in picture display.

Images can be paused for analysis, and a digital zoom feature allows even further scrutiny. Video loss alarms also alert the in the event that a camera input fails.

Power consumption is kept to a minimum, drawing less than 300mA at 12VDC.

Autosensing PAL or NTSC images, the IM-DCS-Q4 Video Quad Switcher is the only dedicated marine video switcher available with remote, environmentally suitable control options.

For further information contact your Iris Innovations dealer, or visit our website at www.boat-cameras.com.

Key Features:

Rugged, Water Resistant and UV Stabilized Control Keypad.

Multiple Control Positions by adding Control Keypads.

Switcher housed in tough, ABS enclosure, wall mountable with hidden fixings.

Four Camera Inputs / Dual Output for displaying currently selected image on 2 screens.

Low Power Consumption

Keypad separate from switcher box means reduced space required on the helm, and no untidy cables!

View Individual Camera Images, Quad Display and Picture in Picture

Video Freeze Frame

Digital Zoom

Video Loss Alarms

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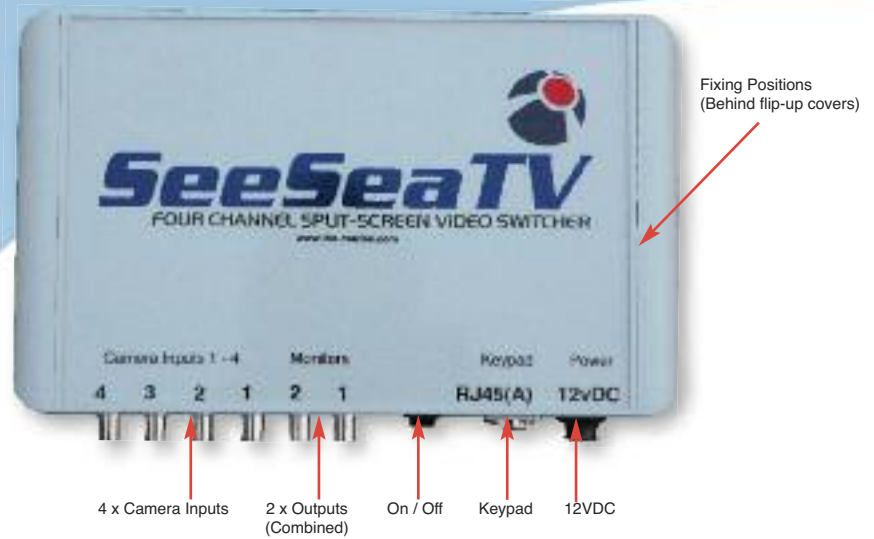
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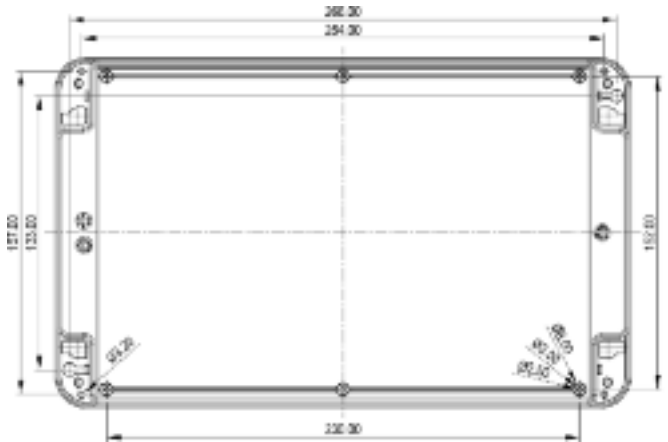
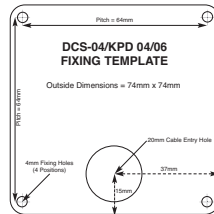
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Compatibility:

Video Inputs: Composite Video, BNC connectors. Video Outputs Composite.
Composite Video Output compatible with all chart plotters with Composite Video Inputs including Garmin, Raymarine, Furuno, Simrad, Lowrance, B&G. Contact Iris Innovations for further details.



Enclosure Dimensions & Fixing Points



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|------------------------|--|
| Dimensions - Switcher | 280(W) x 180(D) x 60(H)mm |
| Dimensions - Keypad | 74(W) x 74(D) x 10(H)mm |
| Material | Enclosure, ABS Plastic. Keypad Bezel, Delrin UV Stabilised Keypad, UV Stabilised Membrane Keypad |
| Video Inputs | 4 x Composite Video 1vP~P 75Ω |
| Video Outputs | 2 x Parralled Composite Video 1vP~P 75Ω |
| Video System | PAL / NTSC Switchable |
| Video Inputs | IM-DVR-04: 4 Inputs / IM-DVR-08: 8 Inputs 1V p~p |
| Video Connections | BNC 75Ω |
| Control | Via KBDQ4 Keypad (Supplied) |
| System Expansion | Via additional KBDQ4 Keypads, connected in parallel |
| Power Requirement | 12VDC ±3V <400mA (300mA Typical at 12VDC) |
| Temperature / Humidity | Keypad -20°C ~ +60°C |

IRIS

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