

Key Features:

- Extremely Rugged & Compact Construction
- 316L Marine Grade Stainless Steel
- Easy Install - 1 x Cable Hole + 6 x Screw Position
- Field Installable Connector
- IP66 Environmental Protection (Connector - IP67)
- Customisation Options
- Wide Power Operating Range (4.75 ~ 18VDC)
- CAN Bus Data Protocol
- Field Installable Waterproof Connector
- Built in Backlit TouchScreen
- Rotary Encoder

Applications:

- Control Iris CMAC Systems & Video Switchers
- In Vehicle System Control
- Operates IRIS092 / IRIS093 Thermal Cameras
- Food Processing Plants
- Marine Applications
- Emergency Service & First Responders Vehicles
- Robotic Systems Control
- Medical Control Applications

The IRIS-TE01 is a stylish and rugged rotary touch controller with integrated touch screen interfaced designed to provide intuitive and responsive control to Iris products, such as their range of fixed thermal imaging cameras, CMAC camera management systems and IRIS-6xx video switchers.

With a software driven dynamic menu system, features are chosen and values selected using the smooth rotary wheel, whilst the touch screen provides visual feedback whilst at the same time also displaying user selectable elements.

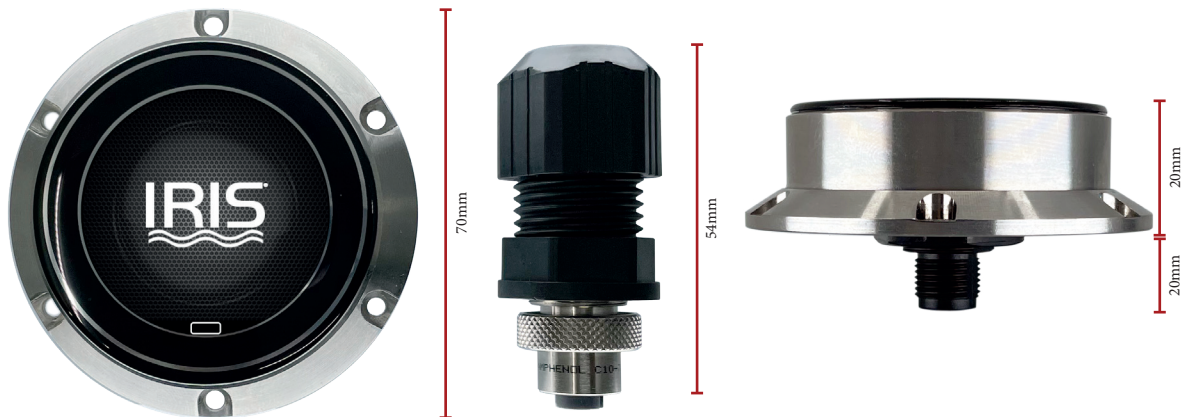
Both the rotary controller and the low profile, easy install bezel are machined from marine grade 316L stainless steel and the touch screen itself is manufacture from impact resistant glass. The controller is waterproof to IP66 standards making it perfect for marine and vehicular applications.

The TE01 is supplied with a high end, waterproof field installable connector. Installation is extremely straight forward and only requires a 30mm cable entry hole.

The TE01 is available with various firmware options to control your specific Iris product. A customisation service is also available should you wish to use the controller with your own product. The device is powered by a low voltage 4.75~18VDC supply making it ideal for vehicular use, and the data format is CAN bus. Iris can also provide protocol conversion interfaces upon request.

If you are looking for a small, tough and very stylish controller solution, the TE01 fits the bill perfectly.

IRISTE01 Dimensions



Specifications:

	IRIS735
Bezel Diameter	70mm / 2.75"
Display Diameter	33.5mm / 1.320"
Touchscreen	Projected Capacitive
Display Type	Circular Colour TFT, 320 x 300
Display Brightness	200cd/m2
Fixings	6 x 3mm (No.4) Fixings
Panel Hole	30mm / 1.1"
Connector Type	M12 5-Pin Circular DIN Connector (CAN style connector) - Field installable Connector Supplied
Connector Dimensions	54mm x 28mmø
Connector Cable Size	12.7mm / 0.5" Max
Environmental	Connector: IP67 / TE01: IP66
Operating Temperature Range	-20 ~ +65°C
Storage Temperature	-30 ~ +70°C
Mechanical Shock	ANSI EP455 5.14.1
Vibration	50 ~ 2000Hz, 2Hr each Axis ANSI EP455 5.15.2
Chemical Resisance	Designed to survive repeated exposure to most chemicas found in industrial, off-highway and industrial applications
Firmware Features	Camera Select, Colour Palette Select (Thermal Cameras), ICE Level Select, Day/Night Toggle (Thermal Cameras) Basic Pan/Tilt, Zoom Control Can be developed for bespoke applications
Operating Voltage	4.75 ~ 18VDC
Max Operating Power	1.5W Max Brightness
CANBus Interface	J1939 Compliant
Weight	0.220g (0.265g with connector)