

[See all 12 Products in Family](#)

**TECHSPEC® Optotune Industrial 4 Channel Current Controller | ICC-4C-2000**



Optotune Industrial 4 Channel Controller | ICC-4C-2000 (#23-717)



Stock **#23-717** **2 In Stock**

⊖ 1 ⊕ €1.530<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1+	€1.530,00 each
Need More?	<a href="#">Request Quote</a>

ⓘ Prices shown are exclusive of VAT/local taxes

**Note:** This item requires accessories for use | [Learn More](#)

Product Downloads

**General**

Lens Accessory **Type:**

**Physical & Mechanical Properties**

**Height (mm):**

Length (mm):

164.00

Width (mm):

105.00

## Electrical

Operating Current (mA):

-2,000 to +2,000

Power Consumption (W):

25 (maximum)

## Hardware & Interface Connectivity

Connector:

Micro USB, Ethernet (to PC)

## Environmental & Durability Factors

Operating Temperature (°C):

0 to +60

Storage Temperature (°C):

-40 to +85

## Regulatory Compliance

Certificate of Conformance:

[View](#)

## Product Details

- Liquid Lens for Extended Depth of Field Telecentric Lens
- Up to 2.3 MegaPixels, 4.5µm Pixel Size Sensors
- Up to 2/3", C-Mount Telecentric Lens
- Magnification from 0.15X to 0.75X

TECHSPEC® MercuryTL™ Liquid Lens Telecentric Lenses combine the capabilities of a telecentric lens with the flexibility of a liquid lens. These lenses combine the unique feature of telecentric lenses, eliminating parallax (or perspective) error, with a liquid lens, allowing for the focus to be electronically controlled. This combination provides quick working distance adjustment, while maintaining telecentricity, distortion, and image performance throughout the entire working distance range. TECHSPEC® MercuryTL™ Liquid Lens Telecentric Lenses are ideal for gauging, measurement, and placement applications where quick depth of field adjustment is required.

As the liquid lens is used to focus the telecentric lens, its curvature changes. As its curvature changes, there will be small changes in the ray angles in the rear of the lens (incident on the image sensor). As a result, there are small field of view changes over the working distance range as the liquid lens refocuses the lens. However, the front (object space) ray angles are unaffected by the liquid lens changing curvature, allowing the telecentric lens to maintain telecentricity over the entire working distance range.

**Note:** Hirose cables and [Liquid Lens Driver](#) sold separately.

## Technical Information

