



## iTAC™ iT04 with QUAD™ Amplifier

Part of the iTac Series of Quality Assurance products, the **iTac iT04 sensor with QUAD Amplifier** is a highly advanced glue detector that reads the moisture content in the glue and does not require any UV additive. This sensor has equal or better performance than the proven UV method of detection for most applications and is capable of detecting glue absence, presence, placement and volume at line speeds in excess of 650 m/min (2,150 ft/min).

Used in conjunction with our Array™ and MAQ™ line of controllers, it may be remotely programmed through the Monet™ Operating System. A bright light spot, small body profile and remote amplifier make the **iT04** sensor extremely versatile. Whether scanning for pot or extrusion applications, our **iTac** line of interchangeable optical heads provides the flexibility needed for scanning any type of glue pattern.

- High-Speed Detection  
1 mm (.040 in) at 650 m/min  
(2150 ft/min)
- Volume detection
- Short and long focal distances
- Bright visible light spot
- Remote amplifier
- Remote teach capability
- Bar graph indicator for signal strength and sensitivity adjustment
- Used with Leary Array and MAQ controllers

[www.whleary.com](http://www.whleary.com)

QUALITY ASSURANCE

# iTac with QUAD Amplifier

## PHYSICAL CHARACTERISTICS

- Amplifier Dimensions:
  - 25.4 mm (1.00 in) l
  - 25.9 mm (1.02 in) w
  - 88.9 mm (3.50 in) h
- Sensor head Dimensions:
  - 25.4 mm (1.00 in) l
  - 25.4 mm (1.00 in) w
  - 73.7 mm (2.90 in) h

## POWER REQUIREMENTS

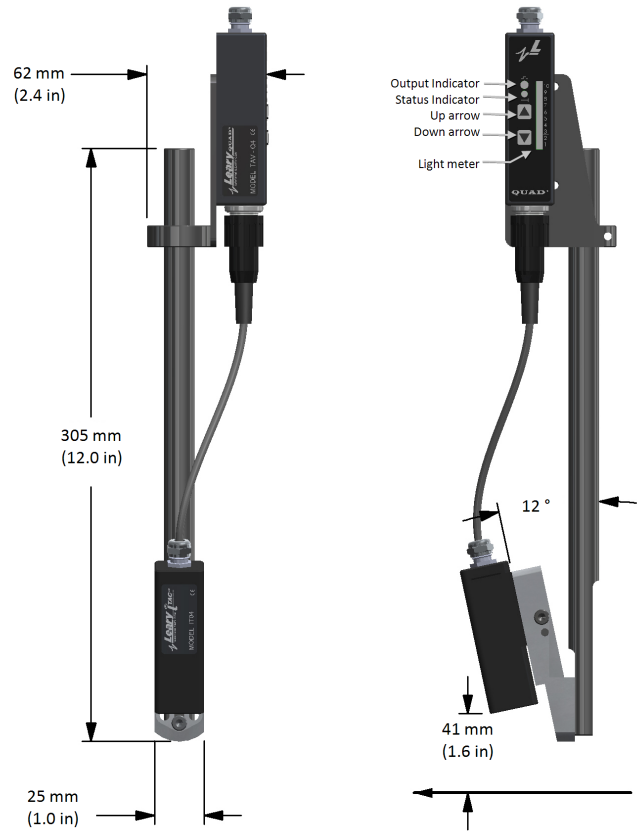
- 185 mA at 24 VDC
- 24 VDC

## AMPLIFIER FEATURES

- LED Displays: status, output and light meter indicators
- Learn carton background button
- Learn glue button

## SENSOR HEAD FEATURES

- 41 mm (1.6 in) focal distance
- 4 x 2 mm (.15 x .08 in) light spot size
- Built-in dovetailed mounting bracket



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