



The wrist-mounted Titan integrated camera provides operators with an exceptional view of tasks being performed. The high-resolution camera and two (2) bright LED lights are contained in an integrated titanium housing for maximum protection.

Since both the data signals and the power are routed through the manipulator arm, there is no external cabling that can be snagged or abraded. Either NTSC or PAL cameras are available. The manipulator wrist camera is compatible with any Titan manipulator arm that features in-arm electronics.

### Features:

- High Resolution Colour Camera
- Integrated Titanium housing
- Two bright LED lights
- Two illumination levels
- No external cables
- NTSC or Pal

### Specifications:

#### Camera Specifications

- |                         |                                    |
|-------------------------|------------------------------------|
| • Image Sensor          | $\frac{1}{3}$ Colour Super HAD CCD |
| • Effective Pixels      | NTSC 752 x 582<br>PAL 768 x 484    |
| • Horizontal Resolution | 480 TV lines                       |
| • Min, Illumination     | 0.3Lux at F2.0                     |
| • Video Output          | 1.0 Vp-p composite 75 Ohms         |
| • Lens                  | 3.6mm (39°)                        |

#### Power Consumption

- |                                         |                |
|-----------------------------------------|----------------|
| • In-arm Electronics, full brightness   | 0.75A @ 24 Vdc |
| • Camera & Lights only, full brightness | 0.25A @ 24Vdc  |
| • Depth Rating                          | 4000msw        |

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