

# DT90-HD PTZ Inspection Camera

**For remote access & inspection  
in harsh environments**



## Camera Specifications

| DT90 HD              |                                  |
|----------------------|----------------------------------|
| Resolution           | HD 1080p, 25fps                  |
| Zoom                 | 10x optical, 12x digital         |
| Focus                | Auto & manual                    |
| Pan                  | 360deg continuous, 25deg/s       |
| Tilt                 | 360deg continuous, 15deg/s       |
| Minimum illumination | Colour 0.5Lux, BW 0.1Lux         |
| Depth rating         | 60m (standard)                   |
| Lighting             | 2x variable, high intensity LEDs |
| Weight               | 3kg                              |
| Material             | Aluminium (Optional: S/S)        |
| Purge                | Nitrogen, 10PSI                  |
| Object sizing        | Parallel laser                   |
| Control              | Handheld control unit            |
| Tether               | 50m, 100m, or 150m (standard)    |

An industrial pan-tilt-zoom inspection camera which offers full HD video output and onboard spot lighting in a very compact package.

Designed for both drop camera inspections or integration with a remotely operated crawler or ROV. Its modular design allows it to perform over a wide range of applications.

The DT90-HD can be provided as a turnkey inspection solution when paired with a controller and DVR (Digital Video Recorded). It is available with a range of tether options.

### Key industries

Offshore energy  
Civil Infrastructure  
Water Utilities  
Nuclear Power  
Manufacturing

### Applications

Riser inspection  
Pressure vessel inspection  
Foreign object detection  
Mine shafts  
Tank inspection



**Contact us**

**info@driemtech.com**

**www.driemtech.com**



# DT90-HD PTZ Inspection Camera

**For remote access & inspection  
in harsh environments**



## **Dry gas purge**

This ensures the camera always provides the highest clarity images possible. It also creates a benign environment to protect the electro-optics from moisture which supports trouble free operation.

## **Internal health monitoring**

The camera is fitted with humidity, pressure and leak detection sensors which will warn the operator if moisture ingress occurs through the user interface.

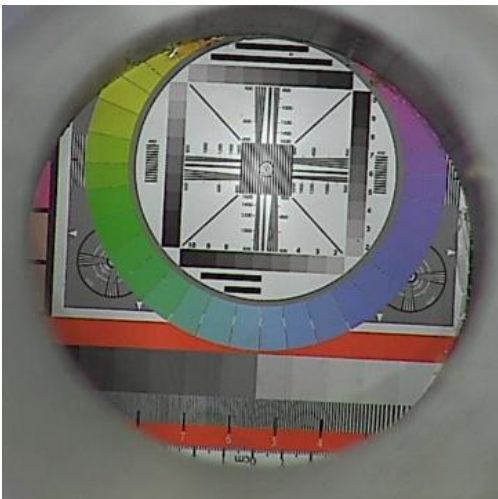
## **Lasers (optional)**

Lasers measurement of objects on screen. Class II laser, 1mW. Working range up to 10m.

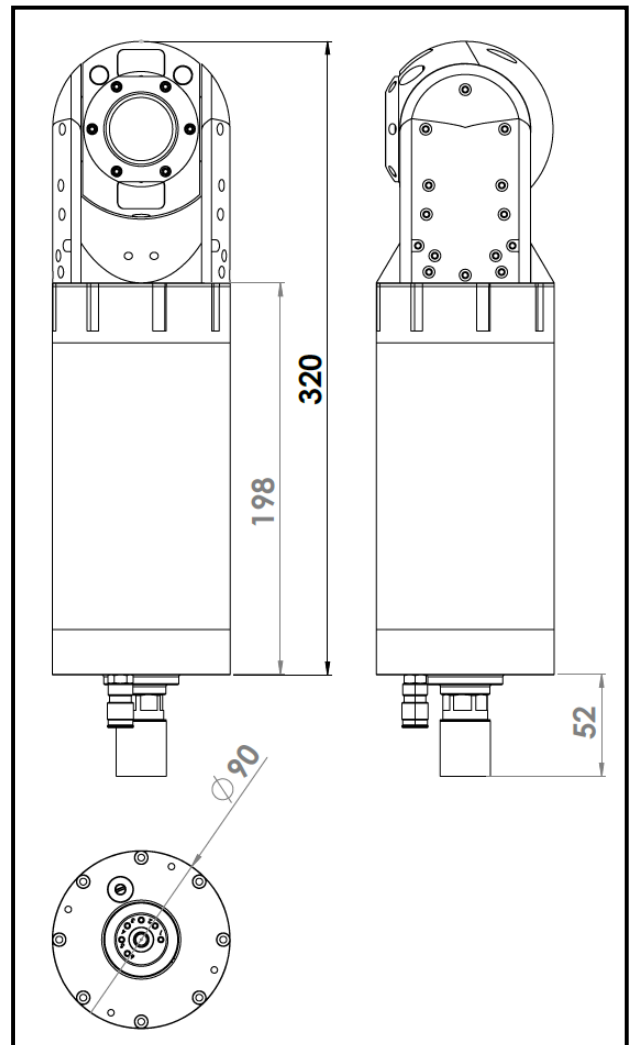
## **Anodes (optional)**

It is strongly recommended that anodes are fitted when the camera is submerged or exposed to salt spray. Two aluminium anodes can be fitted to the camera head to provide protection against corrosive environments.

Indicative camera performance inside pipeline using optical zoom during calibration at distance



## **Camera Dimensions**



**Contact us**

**info@driemtech.com**

**www.driemtech.com**

