

Robotic Camera inspection

General information about Robotic HVAC Inspection Robot Camera System for Heating, Ventilation and Air Duct AD-RC2093A

- ✓ Equipped with a 360 ° auto rotating, free angle adjustable tilting, color video camera (complete with high intensity illumination) and jib-arm auto up/down dust collecting device, this robot travels inside the air duct on tracked mechanism.
- ✓ Through observing the interior condition of the air duct and the samples so collected, the service provider can then come up with a customized cleansing and disinfection proposal for the Manager's approval.
- ✓ Video can be recorded as needed.



Technical specification of the device:

Technical Data:

- Dimensions: 230mm (L) x 150mm (W) x 110mm (H)
- Weight: 4 kg
- Operating Voltage: 24V dc, Power: 75W
- Operating Range: Standard length 20 meter; can be extended to 100 meter if required.
- Driving Mode: Crawler type only.
- Critical Performance Parameters: Obstacle crossing > 45mm; climbing capability > 40°
- Travelling Speed: 0-12 m/min (continuous variable transmission).
- Video Recording & Illumination: 520 lines, industrial grade, 360° auto rotating, 90° adjustable tilting, color video camera. Four (front and rear) scatter type high intensity illumination (3Ls - long life, low temperature, LED).
- Sampling Method: Mechanical jib-arm, auto up/down, dust collecting sampling device.
- The Robotic HVAC Duct Inspection System is equipped with a 360 ° auto rotating, free angle adjustable tilting, 8.2 million color video camera (complete with high intensity illumination) and a 7inch screen with the control handle and a 500G hard drive, this robot travels inside the air duct on tracked mechanism..
- Through observing the interior condition of the air duct and the samples so collected, the service provider can then come up with a customized cleansing and disinfection proposal for the Manager's approval.
- Video can be recorded as needed, 500G hard drive, 4G U disk.

