Camera Vision System FAQs for Fisnar ADVANCE Series Dispensing Robots

Ref: FAQ001
Date: July 2026
Version: 1.0

The **Fisnar ADVANCE Camera Vision System** is supplied as a complete, validated hardware and software package. Customers sometimes ask whether they can replace the controller PC, install additional software or connect the system to their corporate network. This FAQ explains what is supported and why certain changes may affect performance or warranty.

The questions below cover some of the most common queries we receive about the controller PC, software installation, networking and warranty.

Can I run the CCD module from a standard Windows 11 PC?

No. The embedded Windows 11 operating system supplied with the robot has been specifically configured for the CCD vision system. It includes additional software drivers and operating system settings that are required for correct operation and reliable performance.

Can I install the CCD software on another computer to edit programs or open backups?

Yes. The CCD software can be installed on another Windows PC for program editing and viewing backed-up programs. However, the PC must include a dedicated partition named 'D:' for the software to function correctly.

Can I connect the CCD controller PC to my company network?

Yes. The controller PC can be connected to a local network (VLAN) where required for communication within your facility. Connection to an isolated factory network is supported where required. Direct internet access is not recommended because operating system updates, antivirus software and external applications can alter the validated software environment.

Can I install additional software on the controller PC, such as antivirus software?

We do not recommend installing third-party software on the controller PC. Additional applications can alter Windows settings, install background services or introduce software conflicts that may affect the performance and reliability of the robot system.

Will making these changes affect my warranty?

Potentially, yes. The warranty may be void if it is determined that:

- Windows operating system settings have been modified.
- The controller has been connected to the public internet.
- Third-party software has been installed that affects the operation of the system.

Need to make a change?
If you're considering connecting the controller to your network, installing software, replacing hardware or making configuration changes, contact Intertronics Technical Support first. We're happy to advise on the safest approach and help you avoid unnecessary downtime or warranty issues.

These recommendations are based on our experience supporting these dispensing systems in production environments. The objective is not simply to keep the system running today, but to maintain long-term repeatability, minimise downtime and ensure the dispensing process continues to perform as validated.

If you are unsure whether a change is suitable, please contact Intertronics Technical Support before making any modifications.

Camera Vision System for Fisnar ADVANCE Series Dispensing Robots

Features and benefits of the product

- Quick to set up and straightforward to program
- Auto 3-axis dispensing tip calibration function
- Auxiliary camera to monitor dispense process live
- High-resolution CCD camera
- LED light with adjustable brightness
- Simple & fast transfer of CAD data (.DXF/Gerber) into software
- Industrial Windows-based PC system included (with monitor, keyboard and mouse)
- Can be easily installed at any time onto a F4000 ADVANCE 3-axis robot using plug and play system design
- Peripheral hardware is mounted directly onto the robot, reducing space requirements
- Images can be captured and stored for quality and process control purposes
- Programs can be automatically selected from scanned QR code

Contact us for more information on our robotic dispensing systems
t 01865 842842
e info@intertronics.co.uk
www.intertronics.co.uk

intertronics
Station Field Industrial Estate
Banbury Road, Kidlington
Oxfordshire, England OX5 1JD