

PICK & PLACE QUADRA DVC

This new pick and place from TWS Automation represents the seamless evolution of the extremely successful Quadra product line already present in many countries with over 1,000 working units.

While preserving most well tested key solutions of earlier models, the QUADRA DVC introduces a worldwide first in this field: the **Linux** operating system.

Linux is a professional Operating System (OS) that sets the QUADRA DVC apart from most competing P&P, usually based on Windows, the well known consumer-grade OS.

Contrary to Windows, **Linux**, is approved for mission critical platforms that span aviation, military and space applications.

In more mundane uses **Linux** appears as the de facto standard for Web Internet servers, where its **high reliability** is essential to the continuity of service.

Under total control of the manufacturer, **Linux** is not only a stable OS, non being subject to the Windows's endless sequel of patches and new versions, but it is also virus-free.

TWS Automation has chosen **Linux** for all its range of new products, because it is secure, fast, robust and devoid of the complexity of useless frills, but it provides all the necessary facilities, like USB and connectivity.

The use of an advanced OP has also been instrumental to the introduction of new features and an improved man-machine interface.



NEW FEATURES' SYNOPSIS

Linux Operating System.

USB support. User data (and software) can be easily and quickly saved or loaded using cheap USB Flash Memory sticks or other mass storage devices.

An innovative **Dynamic Vision Centring (DVC)** replaces the Laser centring apparatus with a double telecentric bi-dimensional video camera system offering increased accuracy and control of the position of even the smaller components.

Off-line camera with improved lens system and vision algorithms to centre larger components, BGAs and very fine-pitch ICs.

