IVS-COMMAND-Ai

VISION SYSTEM

IVS-COMMAND-Ai™ vision systems combine the strength of IVS® vision cameras with the power of the latest generation IVS® machine vision controller. Delivering a complete solution for automated visual inspection. Ideal for solving all standard vision system requirements for quality control, verification and guidance - across all industries.

Powerful vision tools

- ✔ Measurement tools
- ✔ Robot control
- ✔ Presence verification
- ✔ OCR / OCV
- ✔ Colour checks
- ✔ Code reading
- ✔ Print quality
- ✔ Pattern recognition
- ✔ Surface inspection
- ✔ Connect up to 30 cameras to a single controller
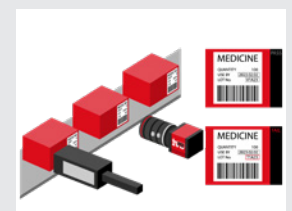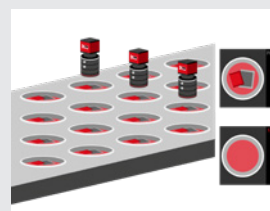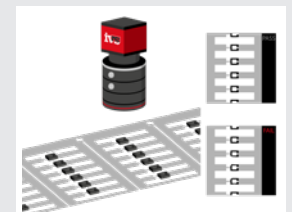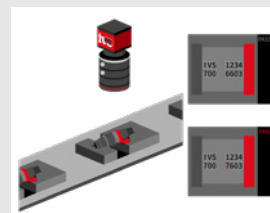
Powerful IVS vision tools

Extensive IVS vision tools for pattern, presence, measurement, counting, location and code reading. Dynamic, simple point-and-click development allows rapid system integration.

Easy set-up and deployment

Achieve reliable, robust inspection performance using IVS graphical user interface software options. Trusted industry-standard vision tools provide advanced visual inspection. Inspect multiple targets or inspections within a single image.

Designed for industrial use

Modular camera design provides easy mounting and integration with a full range of lighting and optics. Field interchangeable lights, filters and optics deliver complete flexibility, making it easy to adapt to any production environment.

Interface

Interface the COMMAND-Ai to your line PLC, controller or factory information system – easily integrates into your current production process.

Compact

State-of-the-art performance delivered in a compact form factor. IVS-COMMAND-Ai runs on 24V DC and can be installed in small control cabinets.

Quality & reliability

Proven reliability prevents expensive downtime. IVS-COMMAND-Ai delivers a solid dependable performance by utilising stringent reliability engineering at all levels of manufacture.

	IVS-COMMAND-Ai 1300-(M/C)	IVS-COMMAND-Ai 1600-(M/C)	IVS-COMMAND-Ai 1920-(M/C)	IVS-COMMAND-Ai 2440-(M/C)
User Interface	IVS-COMMAND-Ai Controller, IVS® NC Professional Software Interface and 22" HMI touchscreen panel. All vision tools.			
Sensor	Monochrome (-M) and Colour (-C)			
Resolution	1300 x 1024	1600 x 1200	1920 x 1200	2440 x 2050
Vision Tools	Presence verification, measurement, pattern recognition, OCR/OCV, part detection, location, barcode, datamatrix, counting			
Communications & I/O	Industrial Ethernet communication to PLC. All industrial protocols. Serial RS-232.			
Connectors	(1) Industrial RJ-45 Ethernet (2) Phoenix Contact Power Connector (supplied)			
Dimensions	(1) Camera – 29 x 29 x 49.1 mm (2) Controller – 264.2 x 124.5 x 156.2 mm			
Power	9~36 V DC			
Temperature	-5 to +30 °C			

About IVS

Founded in 2000, IVS is now one of Europe's leading specialists in inspection machines and artificial intelligence vision products - supplying customers all around the world and building an unrivalled reputation for innovation, quality and precision in machine vision systems for inspection, guidance and identification.

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