V30 STARTER KIT - INSPECTION MODULE
FOR DEMONSTRATIONS AND FEASIBILITY STUDIES

KIT DESCRIPTION

- This kit contains all of the hardware and software necessary to perform demonstrations and feasibility tests based on Vidi Suite industrial images analysis software.

- V30 is designed to operate all ViDi-Suite tools
- V30 and the CPAutomation-developed HMI software are designed to be integrated into your existing production equipment.

FEATURES

- Our V30 units mean you can quickly set up industrial applications based on ViDi Suite software. The V30 is comprised of the software and hardware necessary to monitor both simple and complex industrial and laboratory processes.

TCP Server
- The built-in TCP Server permits simple communication with the «master» systems.

Industrial HMI
- Professional and industrial HMI Interface designed for optimal control of the inspection process.

C# Script
- Through programming, the user can configure the inspection unit to perform simple or complex tasks.

Database
- All of the information obtained is stored in an SQL database.

SPECIFICATIONS

GENERAL SPECIFICATIONS
- HMI / Communication: Phenix (by CPAutomation)
- Analysis/acquisition software: ViDi Suite - Phenix
- Inspection time: 100 to 1500 ms

PROCESSOR UNIT SPECIFICATIONS
- Rack: 19” 6U x 500mm
- PC: Core i7 - 8 GB RAM
- OS: Win 7
- Graphics card: NVidia
- Cameras supported: IDS uEye, Kappa, Basler
- Number of cameras: up to 4
- Power supply: 24V 1A

IMAGE ACQUISITION KITS
- Kit 1: FOV < 30 x 30 mm camera, lens x12, illumination devices, stand.
- Kit 2: FOV < 80 x 80 mm camera, lens, illumination devices, stand.
- Alternative kit available on request

RESULTS

- electrical component coating
- trace inspection
- blister strip
- textile
- presence of needles
- pad printing on paper