PROCESSING UNIT

UVIScan® PRO Under Vehicle Inspection Systems are widely used for police, border and/or military checkpoints, and for the entrance of all kinds of high security locations, such as Governmental Buildings, Presidential Residences, Critical Infrastructure, Military locations, Nuclear, Oil and Gas Facilities, Airports, Ports, Embassies, Bank Institutions, Corporate Headquarters, and other high security locations.

Our UVIScan® PRO Under Vehicle Inspection System is a reliable and efficient tool to inspect the underside of vehicles for explosives, weapons, drugs, and/or other contraband. For detailed demonstrations, please take a look at our short video's on our website www.uviscan.com.

UVIScan® PRO Under Vehicle Inspection System

Technology

Our advanced UVIScan® PRO technology includes the most advanced industrial Processing Unit with pre-installed LINUX OS. It offers many advantages versus other technologies:
1. LINUX OS for much better stability; No need for anti-virus, no unwanted updates;
2. FANLESS Processing Unit, with passive cooling system, no more problems with dust entering the computer;
3. UP TO 4 LANES can be connected to 1 single Processing Unit; Takes less space, No need for Central Server
4. Optional with FIBRE OPTICS connectors for long distances.

LANE-1

LANE-2

LANE-3

LANE-4
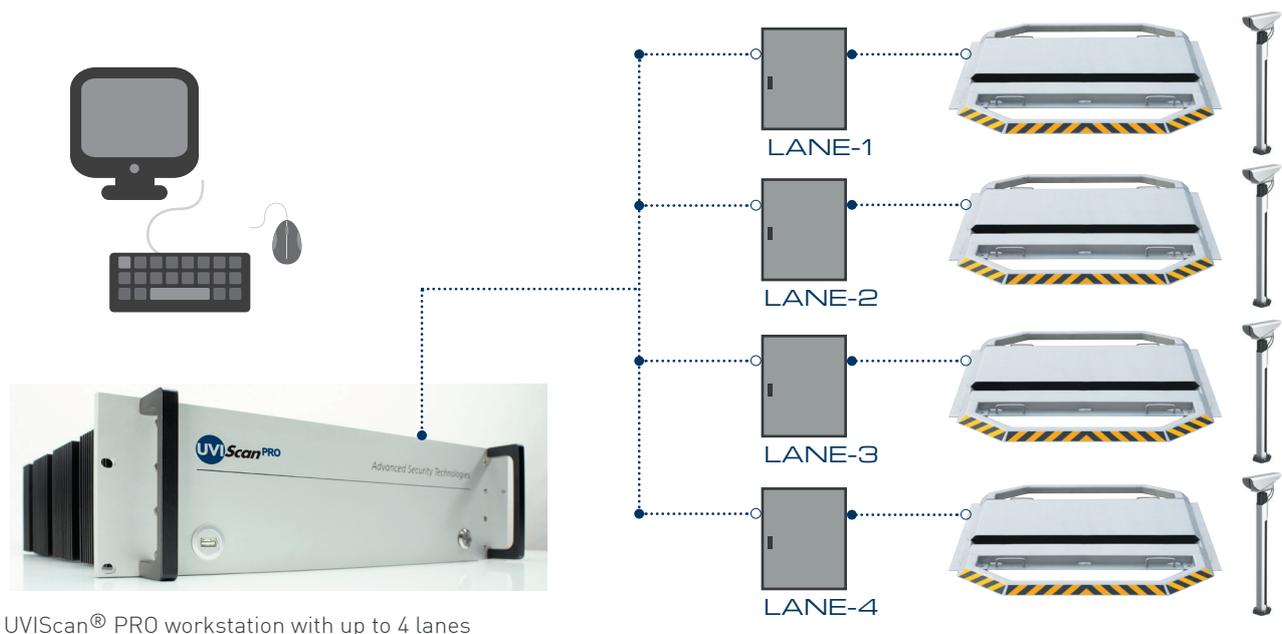
UVIScan® PRO workstation with up to 4 lanes

CONTACT:

Leemkuil 15, 5626 EA Eindhoven, The Netherlands
T. +31 88 2750 900 – M. info@uviscan.com – W. www.uviscan.com

UVIScan
DETECT THE DANGER

TECHNICAL INFORMATION

UVIScan® PRO Processing Unit

Casing
- **Type:** Tailor made UVIScan® PRO industrial 19″
- **Dimensions:** W45 x D45 x H13 cm Rack mountable 19″ Height 3HE
- **Weight:** +/- 14 KG
- **Front panel:** Tailor made UVIScan® PRO Brushed Aluminium, W48 x H13 cm, On/off switch, Harting USB 2.0 with cap
- **Side Panels:** Tailor made UVIScan® PRO Black Aluminium cooling ribs

Components
- **Mainboard:** Asus Industrial Q470EA-IM-A or higher
- **Processor:** Intel Core i7 10700, 8-core, 16 threads, 2.9 GHz Turbo 4.7 GHz, LGA1200 16MB cache
- **Memory:** DDR4 16GB PC 2666 CL 19 CSR (Total 32GB)
- **Hard Disk:** 2x SSD 512GB Samsung SATA 860 (Total 1TB), or higher as option
- **Cooling:** Passive, UVIScan® PRO tailor made Fanless coolset for Core i7
- **Power supply:** Fanless, 200W industrial, active PFC
- **Network:** PCIe Intel i350, 4-ports
- **Assembly:** Tailor made UVIScan® PRO

Specifications
- **Power:** AC 100 – 240V, 50 / 60 Hz
- **Power Use:** Max. 110 Watt
- **Environmental:** Operating Temperature +5 °C to +40 °C Humidity 25% to 80% relative humidity, non-condensing

UVIScan® PRO Passive Coolset for Core i7
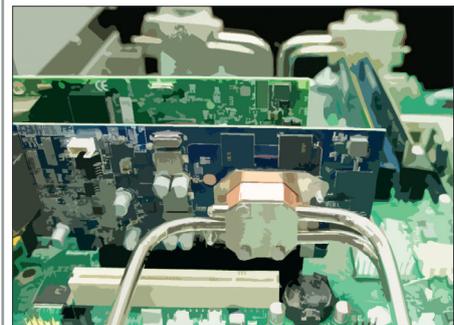
UVIScan® PRO Coolset Heatpipes
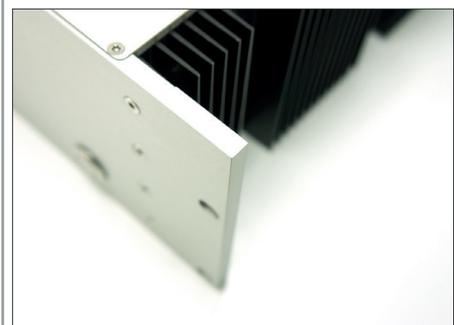
UVIScan® PRO Coolset Cooling ribs