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.
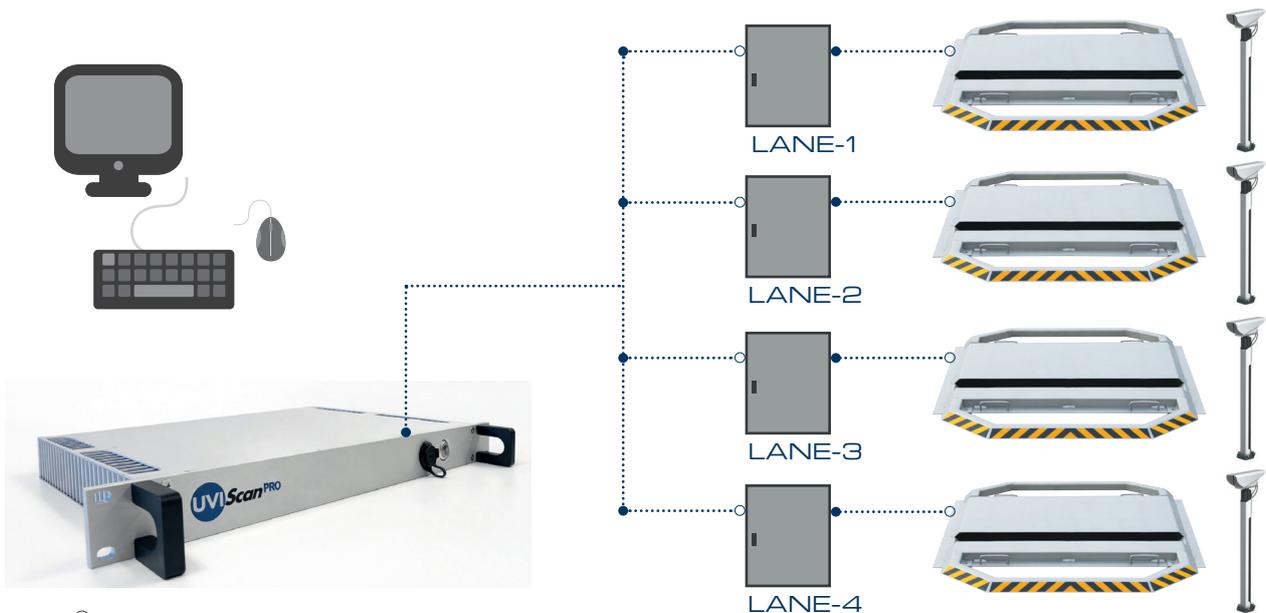

UVIScan® PRO Under Vehicle Inspection System

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

UVIScan

DETECT THE DANGER

UVIScanPRO

TECHNICAL INFORMATION

UVIScan® PRO Processing Unit

Casing
- Type: Tailor made UVIScan® PRO industrial 19″
- Dimensions: W48,2 x D26 x H4,5 cm Rack mountable 19″ Height 1HE
- Weight: +/- 6 kg
- Front panel: Tailor made UVIScan® PRO Brushed Aluminium, W48,2 x H4,5 cm, On/off switch, Harting USB 2.0 with cap
- Side panels: Tailor made UVIScan® PRO Black Aluminium cooling ribs
- Rear panel: 4x UCB 2.0, 3x USB 3.0, 1x USB-c, 2x LAN port mainboard, 4x LAN port network card, 1x HDMI, 3x DP
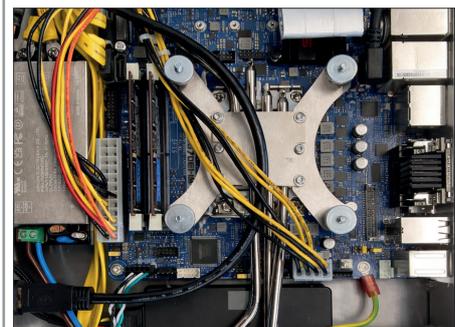
Components
- Mainboard: ASUS industrial mainboard Q670EI-IM-A
                   3x LAN, 6x USB (5x type A, 1x type C)
- Processor: Intel Core i7-14700, 20 Core, 28 Threads,
                   2,1 GHz Max Turbo 5,4 GHz, Cache 33MB
- Memory: Crucial DDR5 32GB SO-DIMM 5600 PC5-44800 CL46
- Hard Disk: SSD 500GB Samsung 870 EVO sata (2x)
- Cooling: Passive, UVIScan® PRO tailor made Fanless
                   coolset for Core i7
- Power supply: PSU fanless 300 Watt
- Network: Intel PCIe i350T4V2 4-port NIC
- 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