SPECTRE

VEHICLE IDENTIFICATION - AVI
SCALABLE LONG RANGE READER

SPECTRE VIDEO
www.stid-security.com

ACCEPT THE CHALLENGE OF FAST-TRACK SECURITY AT YOUR VEHICLE GATES
No more queues thanks to the SPECTRE UHF identification reader! It combines dynamic, elegant design with the latest technologies for security and scalability.

SOPHISTICATED SCALABLE INSTALLATION
Up to 4 antennas can be connected to the SPECTRE reader to cover all security issues and all configurations: management of a mixed fleet of vehicles (light, heavy, motorcycles, etc.), identification on wide lanes or even distinct access control for 4 lanes of vehicles.

Your reader is configured in a few seconds via USB/micro USB cable or UHF card. Its QuickSet mounting system is compatible with the VESA 75 x 75 standard and enables optimal installation, regardless of site configuration.

GREEN CONCEPTION
Its green design means that SPECTRE reads fully passive credentials (no batteries). The reader can be operated by a ground loop or a presence sensor.

STANDING THE TEST OF THE TIME
The SPECTRE is the most robust on the market, with an enhanced vandal-proof structure IK10 certified to withstand knocks and malicious acts. It is IP66 and designed for outdoor installation in harsh environments: vibration, dust, heavy rain, sea air, etc.

BETTER BY DESIGN
The strong lines and elegant style give the SPECTRE reader an extremely stealthy character to enhance your car park solutions. Its slimline design and lightness blend perfectly into all your installation environments.

The high-intensity LED, visible by day and night, makes it highly user-friendly.

COMPARATIABILITY
• EPC Class 1 Gen 2 / ISO18000-63
• 865 - 868 MHz
• 902 - 928 MHz
• Ultrys v.2 software
• UHF antenna
• VESA 75 x 75 universal mounting kits

LET YOUR IMAGINATION FLOW
Customization of the multicolor LED (RGB, 7 colors)
PRINTING OF YOUR LOGO using digital UV

CERTIFICATIONS
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**SPECIFICATIONS**

**Operating frequency/standards**

- UHF - 2 versions:
  - 865 - 868 MHz: 866 MHz ETSI (Europe), Morocco (n°ANRT/DG/n°7.10 regulation), etc.
  - 902 - 928 MHz: 915 MHz FCC Part 15 (USA), Australia, New Zealand, etc.

**Chip compatibility**

- EPC Gen 2 / ISO18000-63

**Functions**

- Read only signed EPC / Read Write

**Antenna(s)**

- 1 to 4 antennas
- Several possible configurations:
  - 1 integrated antenna + up to 3 external antennas
  - up to 4 external antennas

**Reading distances**

- Up to 14 m / 45.9 ft with the ETA label and the TeleTag® windscreen tag depending on vehicle type and installation conditions

**Anticollision system**

- Yes

**Communication interfaces**

- TTL protocol ISO2 (Data Clock) or Wiegand
- RS232 with communication protocol SSCP
- RS485 with communication protocols SSCP, OSDP™ V1 [plain communication] & V2 [SCP secure communication]

**Inputs / Outputs (I/O)**

- 4 inputs (to manage the reader activation, ground loop, presence sensor...) / 4 outputs (to external traffic lights control...)

**Light indicator**

- LED 7 colors (green, red, blue, orange, purple, turquoise, white) – 9 VDC to 36 VDC (12 VDC typical)

**Power supply**

- Typ. 1 A / 12 VDC

**Power supply**

- 9 VDC to 36 VDC (12 VDC typical)

**Material**

- Antenna: ABS and polycarbonate (ABS-PC) / Reader: aluminum

**Dimensions (h x w x d) / Weight**

- 348.7 x 279.2 x 45.1 mm / 13.7” x 11” x 1.8” / 13” 3/4” (general tolerance following ISO NFT 58-000 standard) - 2.65 kg / 9.35 oz

**Operating temperatures**

- -25°C to + 60°C / -13°F to + 140°F - Indoor / outdoor - Humidity: 5 - 95%

**Resistance**

- IP66 - Weather-resistant with waterproof electronics / Reinforced vandal-proof structure IK10

**Mounting**

- Adjustable wall-mounting kit
- Pole-mounted
- Compliant with VESA 75 x 75 universal mounting kits (optional)

**Compliant cables**

- TNC Reverse coaxial cables (optional) - 1.5, 3, 9 and 12 m / 49, 98, 295 and 39.4 ft to connect antennas - Cables can be connected in series

**Certifications**

- CE, FCC & UL

**Part numbers**

- Reader version with integrated antenna:
  - Read only TTL: SLA-R1-A/U04-xx/1
  - Read only RS232: SLA-R2-A/U04-xx/1
  - Read only RS485: SLA-R3-A/U04-7AB/1
  - Read write SSCP RS232: SLA-W2-A/U04-5A/1
  - Read write SSCP RS485: SLA-W3-A/U04-7A/1
  - Read write OSDP™ RS485: SLA-W3-A/U04-7OS/1

**Antenna version**

- 865 - 868 MHz: SLA-R1-A/U04-xx/1
- 902 - 928 MHz: SLA-R6-A/U04-xx/1

**DISCOVER OUR COMPATIBLE TAG RANGE**

For more security and user comfort, a wide range of services and options is available: windscreen mounting kit for TeleTag®, serigraphy, sequential or physical printing, self-destructible label...

TeleTag® has been designed to be installed especially behind the windscreen. Thanks to its smart mounting system, it can be installed either permanently or in a removable way.

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*Caution: information about the distance of communication: measured from the center of the antenna, depending on the type of tag, size of the tag, operating environment of the reader, power supply voltage. RFID tag performance is influenced by its position on the windscreen, and depends on the windscreen type. The heat-reflective (or climate comfort) windscreens have a metallic film that blocks radio waves. Performances can be impaired. Use the non-treated area of the windscreen.*

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