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HTS
Extending Your Vision

LC 3000/3100 Lane Controller

Powerful Communication Between Imaging Units and VRS-SeeControl

The VRS Lane Controller is an essential real-time hardware communication interface to and from HTS Vehicle Recognition Imaging Units and the HTS Vehicle Recognition System.

The VRS Lane Controller also interfaces to related vehicle hardware and applications, such as gate operation and traffic control systems, Wi-Fi and GPRS solutions.

The VRS Lane Controller processes vehicle information received from the imaging units, such as vehicle identification or device functioning status, and transmits this data to the VRS via WLAN, LAN or Ethernet. The VRS communicates through the lane controller back to the imaging units—delivering information such as configuration instructions or event triggers.

The HTS VRS Lane Controller offers the essential communication relay with remote imaging units.

The device meets the demand of vehicle recognition applications such as safe city and enforcement as well as traditional lower volume uses such as access control, critical-site security and management and parking control.

Price-Performance

Supporting many imaging units per controller and requiring only 35 watts of power, the HTS VRS Lane Controller is extremely cost effective.

Size Savvy and Environmentally Conscious

The VRS Lane Controller is available in a small fan-less design housing for VRS installations.

Optionally, an auxiliary cabinet provides additional protection from temperature, weather and other extremely demanding conditions, providing a secure environment and the infrastructure to support all VRS functionality and physical connection requirements.

High Availability

The VRS Lane Controller is highly reliable, with built-in redundancy as well as sophisticated diagnostics and maintenance utilities.

Specifications

System	LC3000: Lane Controller	LC3100: Lane Controller and VRS Server in One
CPU	Intel® Core™ i7-6700TE	Intel® Core™ i7-6700TE
Memory	2 SO-DIMM DDR3 or DDR3L, 8GB	2 SO-DIMM DDR3 or DDR3L, 8GB
Dimensions	260mm x 175mm x 79mm (10.2" x 6.9" x 3.1")	260mm x 175mm x 79mm (10.2" x 6.9" x 3.1")
Mounting	Wallmount by mounting bracket 2U Rackmount (Optional)	Wallmount by mounting bracket 2U Rackmount (Optional)
Power consumption	35W	35W
Voltage	6V to 36V, DC-in	6V to 36V, DC-in
Weight	2.8 kg (6.2 lb)	2.8 kg (6.2 lb)
OS Support	Win7/ Win7 Embedded/ Win10	Win7/ Win7 Embedded/ Win10
Certifications	IEC, CE, FCC, EN	IEC, CE, FCC, EN
Interfaces		
Storage	120GB SSD	240GB SSD (option 1T SSD and 1T HDD)
Serial Ports	1 COM RS-232/ 422/ 485 3 COM RS-232	1 COM RS-232/ 422/ 485 3 COM RS-232
LAN	2/6/ 9 GbE LANs for Extend Internet Application	2/6/9 GbE LANs for Extend Internet Application
USB Ports	4 USB 3.0 (External) 4 USB 2.0 (2 External, 2 Internal by JST Connector)	4 USB 3.0 (External) 4 USB 2.0 (2 External, 2 Internal by JST Connector)
VGA DVI	2 ports.	2 ports.
Expansion	2 Mini PCIe Socket : • 1 Mini PCIe for PCIe/ USB/ Internal SIM Card/ Optional mSATA • 1 Mini PCIe for PCIe/ USB/ Optional mSATA	2 Mini PCIe Socket : • 1 Mini PCIe for PCIe/ USB/ Internal SIM Card/ Optional mSATA • 1 Mini PCIe for PCIe/ USB/ Optional mSATA
Environment		
Temperature	Fanless, -25°C to 70°C	Fanless, -25°C to 70°C
Humidity	10% to 95% Humidity, non-condensing	10% to 95% Humidity, non-condensing
Vibration During Operation	IEC 60068-2-64 SSD : 5Grms, 5Hz to 500Hz, 3 Axis	IEC 60068-2-64 SSD : 5Grms, 5Hz to 500Hz, 3 Axis
Shock Protection	- IEC 60068-2-27 - SSD : 50G @ wallmount, Half-sine, 11ms	- IEC 60068-2-27 - SSD : 50G @ wallmount, Half-sine, 11ms