The VK260 is an Intelligent Video Managed RTU with built-in CPU and Industrial Gigabit Ethernet Switch (Remote Communication Unit), It can turn unlimited IP Cameras into Smart IoT Cameras. This unique RTU Switch has Intel Atom™ x5 Z8350 Processor with 1GB/2GB/4GB RAM and 16GB/32GB/64GB Memory for converting and managing multiple IP Cameras, providing a wide intelligent functions such as: Face Detections, Black list Face Matching, Vehicle Model, Color & License Recognitions, Perimeter Intruder Detections, Metal Detection, Thermal Sensor Detections, Line Crossing Detection, Enter/Exit Area, People Counting, Object Left Over Detection, unattended Baggage, Dangerous Materials, Object Removal Detection such as Display Materials, Sudden Loud Noise Detection... Plus many other unique security functions. The VK260 provides Fully Redundant Fiber optic Gigabit Ethernet Ring with 4 x 10/100/1000M TX Ethernet ports and 4 x 10/100M POE Ports for IP Cameras, additional 100/1000M FX/SX Fiber Port for longer distance IP cameras extension, Self Healing Data Modem (ODT/R) port for exiting ITS Intelligent Traffic Control System, RS-485 PTZ Data Control, and Optional relay contacts for Metal Detection sensors. The Build-in processor will process its intelligent processing functions locally such as scanning to match, capture and record the target images in its own data base and External Memory via USB port locally, then transmits these captive images to the Main Computer at the Control Center via single mode Fiber Optic cable. These specific tasks would save a lot of Execution Time for the Central Computers, it is the best way to allocate specific functions in network surveillance applications. Applications include ITS Intelligent Traffic System, Metro and Railroad Systems, Oil & Gas Monitoring, Schools, Banks, Hotels and Shopping Centers, Homeland Security, Perimeter Intruder Detection, Utility Management, Premise Networks, Military and government area security applications.

Features

- Using Standard IP cameras (2 Megapixel or Better)
- Converting IP Cameras To Smart IoT Cameras
- Intel® Atom™ x5 Z8350 Processor
- Fiber Optic Fully Redundant Gigabit Ring
- 100/1000M FX/SX Fiber Extension Port
- 4 x 10/100/1000M TX Ethernet Ports
- 4 x 10/100M TX POE Ports
- ITS Self Healing Data Modem (ODT/R) For Exiting ITS System
- RS-485 Data for PTZ Camera
- 1GB/2GB/4GB RAM, 16GB/32GB/64GB Memory
- 4 x USB Type A Ports for Keyboard and Mouse
- USB-3 for External Memory
- HDMI Port for Video Display
- Intelligent features: Face Detections, Vehicle Model, Color and License Plate Recognitions, Intruder Detection, Line Crossing Detection, Object Counting, Unattended Baggage, Sudden Loud Audio, Thermal Sensor Detection...

Applications

- ITS Traffic Control & Monitoring
- Metro & Inner City Applications
- Oil & Gas Refinery Security Monitoring
- Railroad Monitoring Applications
- Schools, Banks, Hotels and Shopping Centers
- Border and Perimeter Application
- Campus Security Applications
- Unman Air Plan Applications
- Military Areas and Government Buildings security Applications

Order Information

<table>
<thead>
<tr>
<th>Model</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>VK260ST03</td>
<td>Fiber Optic Smart Cameras Control RTU, GB Ethernet, 1300nm SM ST, 50Km Between Nodes, 90~240 VAC</td>
</tr>
</tbody>
</table>
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