NUVIS-534RT ULTRA-COMPACT VISION CONTROLLER

Coming soon!

N534RT-DTIO



- AMD Ryzen V1807B
- Real-time I/O
- 4x GigE PoE+
- 4x USB 3.0

PRODUCT DESCRIPTION

Nuvis-534RT is a high-performance, ultra-compact vision controller with integrated camera interfaces, vision-specific I/Os and real-time control for machine vision applications. Powered by AMD Ryzen™ Embedded V1807B 4-core/ 8-thread processor, it provides superb performances equivalent to mainstream desktop CPUs while retaining a compact 8.2 cm x 11.8 cm x 17.6 cm (3.4" x 4.6" x 6.9") dimensions.
Nuvis-534RT offers unique vision-oriented I/O configurations, including constant-current lighting controller to directly drive LED lights, isolated 12V trigger output to activate cameras, encoder input to acquire position information and DIO to connect to sensors/ actuators. All of the above visionoriented I/Os can be managed by Neousys' patented DTIO V2 or NuMCU technology to guarantee real-time trigger/ response in micro-second scale.

The combination of high performance and small footprint gives Nuvis-534RT a distinctive 1-2 punch advantage where the vision system can be easily deployed with USB3.0 and GigE cameras and without space restrictions.

SPECIFICATIONS

Depth	118 mm
Height	176 mm
Memory RAM	16 GB
Processor	AMD Ryzen™ V1807B
Supply Voltage DC Max	35 V DC
Supply Voltage DC Min	8 V DC
Temperature range bearing, from	-40 °C
Temperature range bearing, to	85 °C
Temperature range from	-25 °C
Temperature range to	70 °C
Weight	1.5 kg

Width	82 mm

