VISION & CONTROL

DEVICE CONFIGURATOR VICOSYS 19001

Vision System		
☒	4-21-184	**vicosys 19001** • High Speed Machine Vision Platform • Standard vicosys® - Software with webHMI • Compatible with vcwin® • 2U rackmount enclosure with short depth • Intel® Core™ i7-10700E (16 MB cache, up to 4.50 GHz) • 16 GB RAM, DDR4, 3200MHz • 250 GB (of which approx. 3 GB reserved) • 2 x RS232 interface • LAN 1: machine interface with up to 1G • LAN 2: camera interface without POE or service interface (1 G)

Optional software licenses		
☐	4-20-209	**Thermal imaging** • License for using the thermography commands • Support of FLIR Thermal Imaging Cameras
☐	4-20-210	**Asynchronous processes** • License to use vcwin command “Asynchronous Processes” • Handle independent workflows in one inspection program
☐	3-90-032	**Halcon** • HALCON Progress Runtime Bundle-License • USB-Dongle included • Corresponding Key-File is installed on basic device • All standard Halcon functions (without DeepLearning)
☐	3-90-034	**Halcon DeepLearning** • HALCON Progress Runtime Bundle DeepLearning - License • USB-Dongle included • Corresponding Key-File is installed on basic device • All standard Halcon functions and DeepLearning

Camera interface cards		select one optional card
☐	4-21-178	**Camera interface 4 x GigE** • 4 x 1,000 Mbit PoE • vicosys® license for GigE cameras
☐	4-21-180	**Camera interface 2 x 10 GigE** • 4 x 10,000 Mbit PoE • vicosys® license for GigE cameras

Digital I/O interface cards		select one optional card
☐	4-21-170	**Digital I/O card ADDI DATA** • 16 digital inputs, 24 V or 12 V • 16 digital outputs, 10 V ... 36 V, 500 mA / channel • Output driver **Open Emitter (PNP)** • Galvanically isolated, 1000 V_{RMS} • Usage via vcwin commands Line I/O und Port I/O
☐	4-21-171	**Digital I/O card ADLINK** • 16 digital inputs, 0 V ... 24 V (non polarity) • 16 digital outputs, 5 V ... 35 V, 500 mA / channel • Output driver **Open Collector (NPN)** • Galvanically isolated, 2500 V_{RMS} • Usage via vcwin commands Line I/O und Port I/O

Fieldbus process interface cards		select one optional card
☐	4-21-175	**PROFINET-PCIe** • Standard Profinet adapter for vicosys 19001 • Hilscher CIFX 50E-RE PCIe card • Configured as Profinet Slave • PROFINET License • Usage via vcwin command “Process Module”
☐	4-21-191	**EtherCAT-PCIe** • Standard EtherCAT adapter for vicosys 19001 • Hilscher CIFX 50E-RE PCIe card • Configured as EtherCAT Device • EtherCAT License • Usage via vcwin command “Process Module”