

Data Sheet 12.20/3

# Hardware HiCO Advanced

## Classification

The hardware for the computer control HiCO Advanced is a module of the control system HiCOS. Together with the PC software iCOS Advanced it forms the advanced control. The advanced control extends the basic control to perform automatic tests with HIGHVOLT test systems.

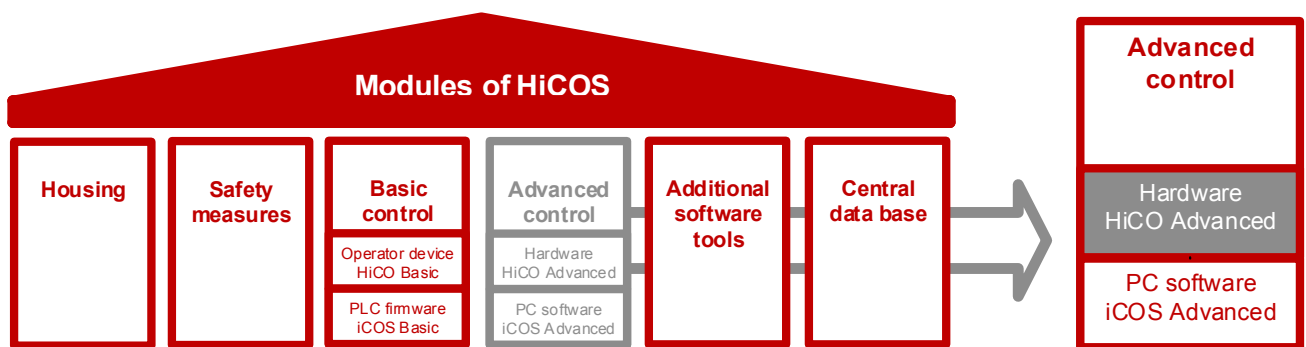


Figure 1: Overview of HiCOS modules – topic of this data sheet: Hardware HiCO Advanced

The control system HiCOS is a collection of modules to control test systems and to record, manage, evaluate and report the measuring data. It is suitable for mobile and stationary test systems. The modular design of the control system HiCOS even allows further expansions of the functions.

Existing test systems from other manufacturers can be upgraded with HiCOS.

## Description

HiCO Advanced is the hardware platform for the PC software iCOS Advanced. It consists of an industrial PC, which can be equipped with components for an uninterruptable power supply or a laptop.

Table 1: Available components

Component	Description
<b>Industrial PC</b>	<p>Hardware</p> <p>The industrial PC is characterized by:</p> <ul style="list-style-type: none"><li>▪ central processing unit with up-to-date clock frequency</li><li>▪ working memory (RAM) with up-to-date capacity</li><li>▪ hard disk with up-to-date capacity</li><li>▪ DVD-R/W drive</li><li>▪ network adapter: 10/100 Mbit, optical</li><li>▪ 19" built-in unit with a height of 4 HU</li></ul> <p>Design</p> <p>The design is adapted to the operator desk, operator board or operator rack.</p>
<b>Display (built-in)</b>	<p>The TFT display with 19" screen diagonal is built into a housing (operator desk and operator rack) of control system HiCOS, usable together with an industrial PC.</p>
<b>Display (stand-alone)</b>	<p>The stand-alone TFT display with 21.5" screen diagonal placed on operator board is suitable for use with an industrial PC.</p>
<b>Keyboard (built-in)</b>	<p>Hardware</p> <p>The set includes a keyboard (English or German) with integrated mouse, designed as 19" built-in (1 HU) and usable together with an industrial PC.</p>
<b>Keyboard (wireless)</b>	<p>Hardware</p> <p>The set includes a wireless keyboard (English or German) and a mouse, usable together with an industrial PC.</p>
<b>Laptop</b>	<p>Hardware</p> <p>The laptop is characterized by:</p> <ul style="list-style-type: none"><li>▪ central processing unit with up-to-date clock frequency</li><li>▪ working memory (RAM) with up-to-date capacity</li><li>▪ hard disk with up-to-date capacity</li><li>▪ DVD-R/W drive</li><li>▪ network adapter: LAN and WLAN</li><li>▪ laptop keyboard (English or German)</li><li>▪ MS operating system (English or German)</li><li>▪ MS Office (English or German)</li></ul> <p>Remark</p> <p>Only available for certain test systems</p>

Table 1 continued: Available components

Component	Description
<b>Printer (color inkjet)</b>	The color inkjet printer is provided as stand-alone device with WLAN interface. Upon purchase of an industrial PC from HIGHVOLT, the required WLAN stick is included
<b>Printer (color laser)</b>	The color laser printer is provided as stand-alone device with WLAN interface. Upon purchase of an industrial PC from HIGHVOLT, the required WLAN stick is included.
<b>MS operating system</b>	Microsoft Windows ® (English or German)
<b>MS Office</b>	Microsoft Office Basic ® (English or German)
<b>Remote diagnostic and access module HiCOS RDA</b>	<p>With the help of HiCOS RDA, customer service in shortest possible time is granted by HIGHVOLT within the warranty period. This includes technical support, software updates and trouble shooting.</p> <p>The remote diagnostic and access module is a hard- and software package integrated into the HV control system based on SIMATIC. It enables a direct contact to the HIGHVOLT Service Center via internet. HIGHVOLT is able to check the control system and to promptly react on-line.</p> <p>Remark The internet access is provided by the customer.</p>