

**Physical**

Weight	11.5 kg
Environmental (operating)	Temperature: -20° - 55°C, Humidity: 10% - 90% non condensing
Power supply	90 - 264 V, 47 - 63 Hz

**Dynamic Inputs**

No. of inputs	24
Connector	BNC
Signal range	±30 V
ADC resolution	24 bit
Dynamic range	106 dB
Input configurations	IEPE, AC coupling, DC coupling, selectable per channel
IEPE current	4 mA
Maximum sampling rate	12.8 kS/s/ch (optional 102.4 kS/s/ch)
Noise at maximum sampling rate	106 µVrms (251 µVrms)
Isolation continuous	60 VDC Ch-Earth
Input impedance	324 kΩ

**Counter inputs**

No. of speed inputs	2
Connector	BNC
Input range	±24 V
Input impedance	33 kΩ
Trigger threshold resolution	29.3 mV
Trigger hysteresis	2.4 V
Frequency range	DC to 500 kHz
Minimum pulse width	1 µs

**Process inputs**

No. of inputs	6
Connector	BNC
Input type	Single ended, referenced to common ground
Signal range	±10 V
Maximum sampling rate	50 S/s/ch
ADC resolution	14 bit
Absolute accuracy	6 mV at full scale

**Computer (minimum spec)**

CPU	5th generation Intel(R) Core™ i7 (2.2 GHz, dual core, 4 MB cache)
Memory	4 GB
Operating System	Windows 7 64 Bit
Front panel connections	2x USB 2.0, 1x Gb LAN
User interface	Integrated keyboard and trackpad. External mouse and keyboard support via USB

**Display**

Type	Backlit LED
Screen diagonal	396 mm (15.6")
Resolution	1920 x 1080 pixels
Surface treatment	Anti-glare, protected by bonded toughened glass