

2017

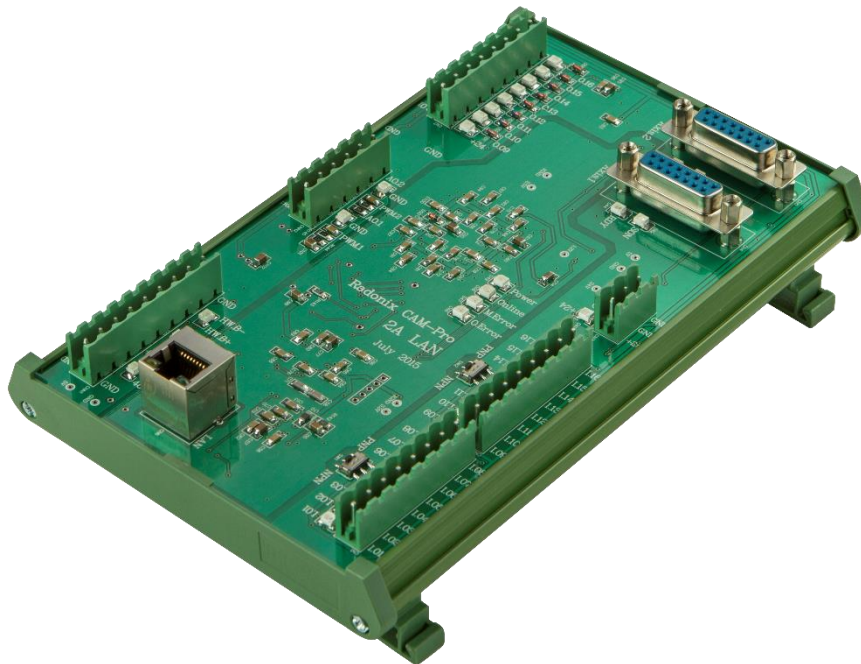
# Radonix PC-Pro LAN

Features



## Radonix PC-Pro LAN 2A

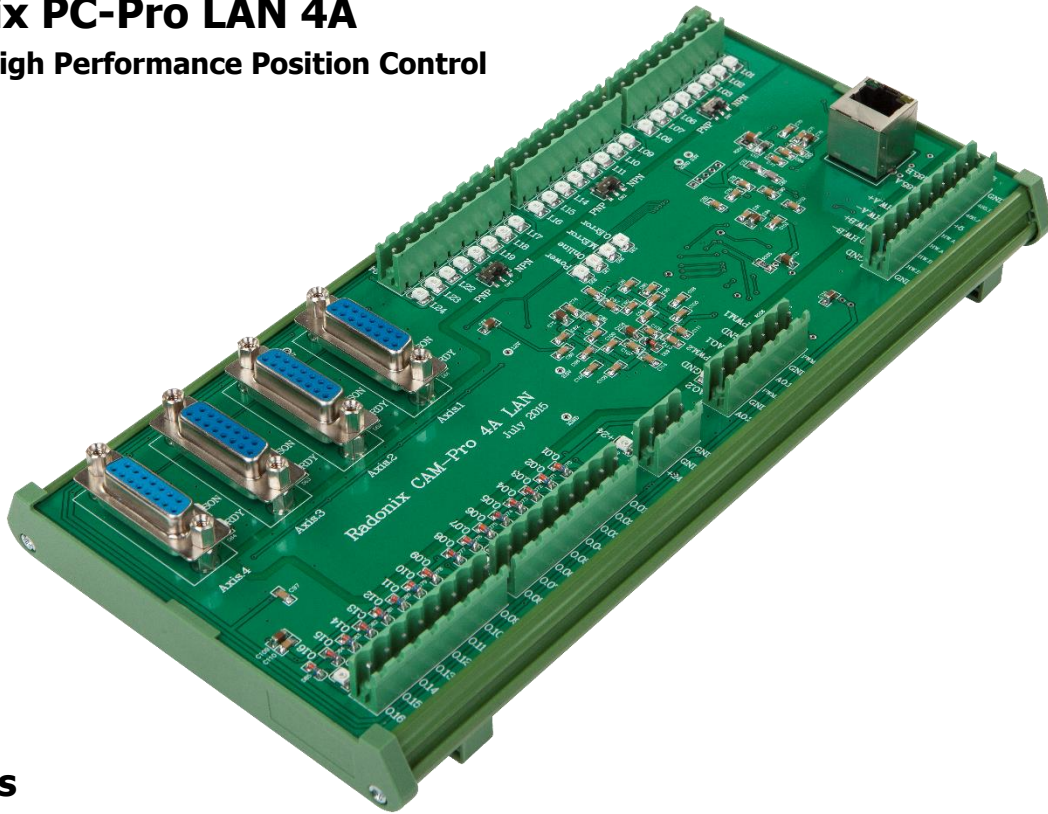
### Flexible High Performance Position Control



## Features

<b>Axes</b>	2 axes
<b>Digital input</b>	16 isolated NPN and PNP inputs
<b>Digital output</b>	8 open drain outputs with short circuit protector
<b>Analog output</b>	2 analog outputs
<b>PWM output</b>	2 PWM outputs with adjustable frequency
<b>Pulse rate</b>	500000 pulses per second
<b>Command pulse type</b>	Pulse-Direction
<b>Acceleration range</b>	50mm/s <sup>2</sup> to 30000mm/s <sup>2</sup>
<b>Velocity profile type</b>	S-Curve
<b>Hardware buffer size</b>	2000 blocks FIFO with time expander for safety
<b>Handshaking time</b>	20ms
<b>Isolation type</b>	Optocoupler
<b>Data connection type</b>	100Mb/s LAN – TCP Protocol
<b>Data connection cable length</b>	Up to 20m with UTP / Up to 50m with SFUTP
<b>Hardware lock</b>	24 time locks with internal clock
<b>Power</b>	16v...32v - 300mA
<b>Dimension</b>	19cm x 13cm
<b>Control type</b>	Open loop position control
<b>Accessory</b>	Hand wheel, Wireless remote

## Radonix PC-Pro LAN 4A Flexible High Performance Position Control

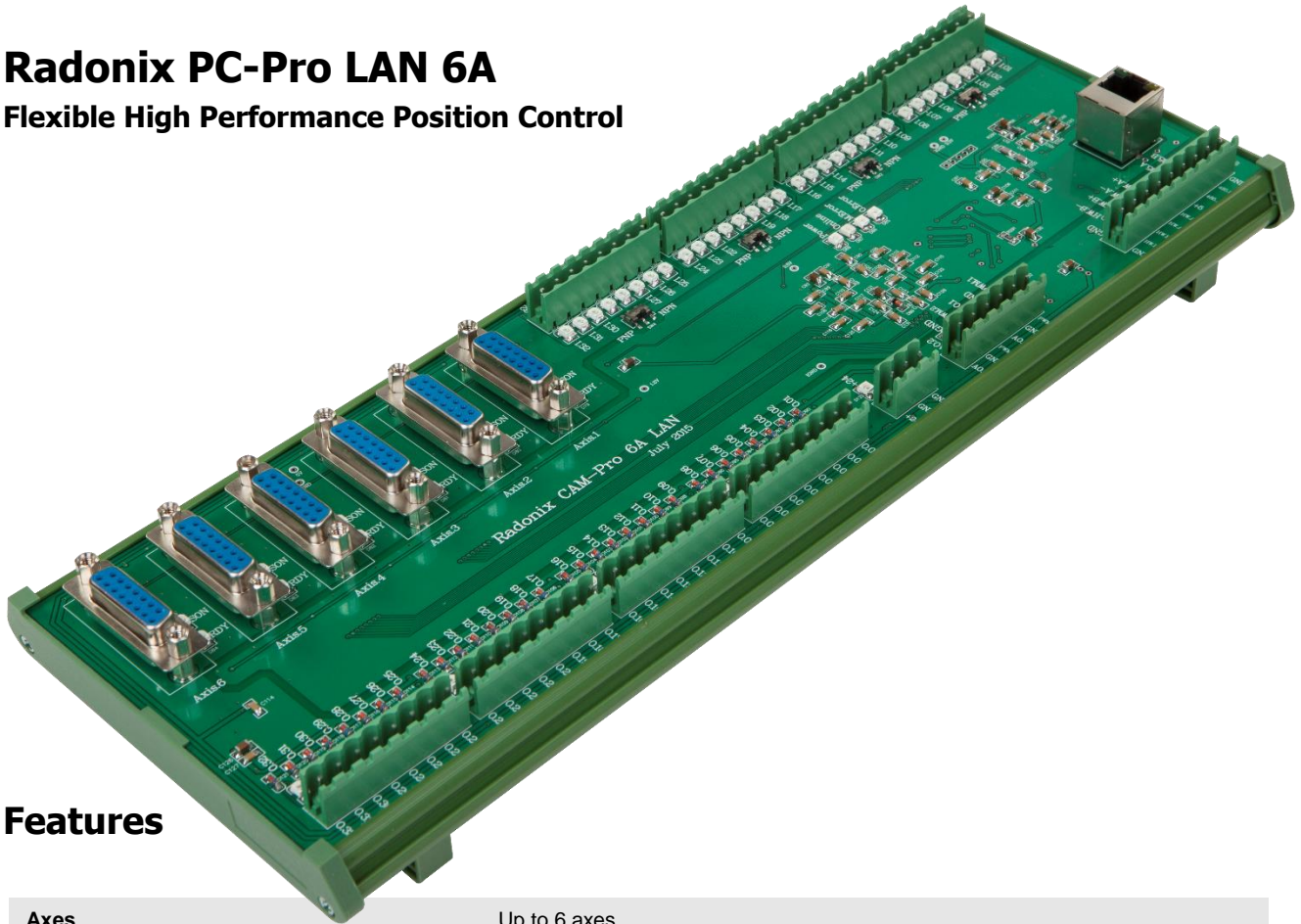


### Features

<b>Axes</b>	Up to 4 axes
<b>Digital input</b>	24 isolated NPN and PNP inputs
<b>Digital output</b>	16 open drain outputs with short circuit protector
<b>Analog output</b>	2 analog outputs
<b>PWM output</b>	2 PWM outputs with adjustable frequency
<b>Pulse rate</b>	500000 pulses per second
<b>Command pulse type</b>	Pulse-Direction
<b>Acceleration range</b>	50mm/s <sup>2</sup> to 30000mm/s <sup>2</sup>
<b>Velocity profile type</b>	S-Curve
<b>Hardware buffer size</b>	2000 blocks FIFO with time expander for safety
<b>Handshaking time</b>	20ms
<b>Isolation type</b>	Optocoupler
<b>Data connection type</b>	100Mb/s LAN – TCP Protocol
<b>Data connection cable length</b>	Up to 20m with UTP / Up to 50m with SFUTP
<b>Hardware lock</b>	24 time locks with internal clock
<b>Power</b>	16v...32v - 300mA
<b>Dimension</b>	25cm x 13cm
<b>Control type</b>	Open loop position control
<b>Accessory</b>	Hand wheel, Wireless remote

## Radonix PC-Pro LAN 6A

Flexible High Performance Position Control

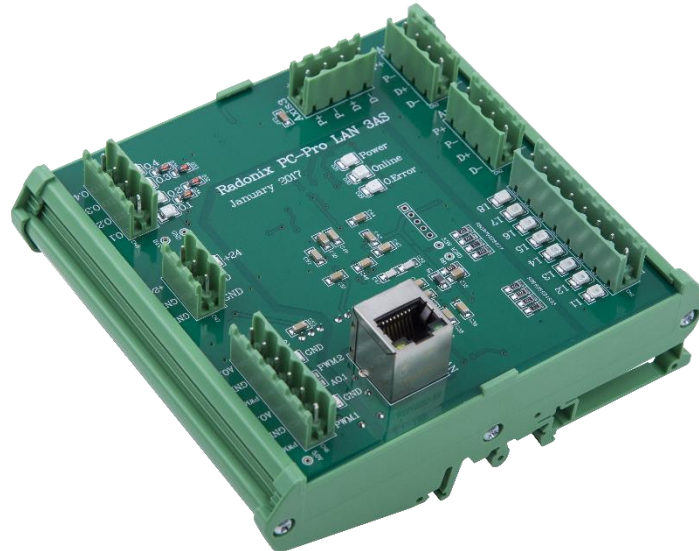


### Features

<b>Axes</b>	Up to 6 axes
<b>Digital input</b>	32 isolated NPN and PNP inputs
<b>Digital output</b>	32 open drain outputs with short circuit protector
<b>Analog output</b>	2 analog outputs
<b>PWM output</b>	2 PWM outputs with adjustable frequency
<b>Pulse rate</b>	500000 pulses per second
<b>Command pulse type</b>	Pulse-Direction
<b>Acceleration range</b>	50mm/s <sup>2</sup> to 30000mm/s <sup>2</sup>
<b>Velocity profile type</b>	S-Curve
<b>Hardware buffer size</b>	2000 blocks FIFO with time expander for safety
<b>Handshaking time</b>	20ms
<b>Isolation type</b>	Optocoupler
<b>Data connection type</b>	100Mb/s LAN – TCP Protocol
<b>Data connection cable length</b>	Up to 20m with UTP / Up to 50m with SFUTP
<b>Hardware lock</b>	24 time locks with internal clock
<b>Power</b>	16v...32v - 300mA
<b>Dimension</b>	34cm x 13cm
<b>Control type</b>	Open loop position control
<b>Accessory</b>	Hand wheel, Wireless remote

## Radonix PC-Pro LAN 3AS

Smart Position Control - Suitable for steppers



### Features

<b>Axes</b>	Up to 3 axes
<b>Digital input</b>	8 isolated NPN inputs
<b>Digital output</b>	4 open drain outputs with short circuit protector
<b>Analog output</b>	2 analog outputs
<b>PWM output</b>	2 PWM outputs with adjustable frequency
<b>Pulse rate</b>	40000 pulses per second
<b>Command pulse type</b>	Pulse-Direction
<b>Acceleration range</b>	50mm/s <sup>2</sup> to 30000mm/s <sup>2</sup>
<b>Velocity profile type</b>	S-Curve
<b>Hardware buffer size</b>	2000 blocks FIFO with time expander for safety
<b>Handshaking time</b>	20ms
<b>Isolation type</b>	Optocoupler
<b>Data connection type</b>	100Mb/s LAN – TCP Protocol
<b>Data connection cable length</b>	Up to 20m with UTP / Up to 50m with SFUTP
<b>Power</b>	16v...32v - 200mA
<b>Dimension</b>	11cm x 13cm
<b>Control type</b>	Open loop position control
<b>Accessory</b>	Wireless remote