Hardware and Software Requirements

IQNITER

	Studio (Cardio Training)	AdmiQ	DesiQner	Bike Selection
Computer				
Processor	i5 2,4 GHz, 64 Bit	i3, 2,4 GHz, 64 Bit	i5 2,4 GHz, 64 Bit	i3, 2,4 GHz, 64 Bit
Memory	4 GB (minimum), 8 GB (recommended)	4 GB (minimum)		
Graphic Board	Dual screen (extended mode), min. resolution 2 x 1024 x 768 DirectX 10 compatible or later	DirectX 10 compatible or later		
Hard disk	1 GB free disk[1]			
USB Ports	1 USB port		1 USB port	
Projector	HDMI, DVI or VGA. Resolution min. 1024 x 768	N/A		
Network	Internet connection[2]. Ethernet 100 Mb/s or 10 Mb/s. [3] Internet standard http (port 80) and https (443).			
Team Receiver	PoE-adapter is required. The network must provide DHCP service	N/A		
PoE-Adapter (Power over Ethernet)	The PoE-Adapter must be IEEE 802.3af mode B compliant (24-48V/15,4W)	N/A		

[1] Compressed C: drive is NOT applicable.

[2] A stable Internet connection with a reasonable capacity (min 2 Mb/s) is required for each computer.

[3] Wired network connection is required. WiFi connections are NOT applicable. iQniter firewall rules are automatically created when installing iQniter Cardio Training – **Notice!** Make sure iQniter firewall rules on the Cardio Training computer are enabled.

The network must not be overloaded. Sub-network solely for the iQniter installation is recommended. Open ports on the iQniter sub-net: UDP 239.78.80.1/51113 (Broadcast of data from Team Receiver to CT computer), TCP port 55411, and TCP port 9000-9010.

General Requirements and Prerequisites

- Windows 7, 8, 8.1 and Windows 10.
- .NET Framework 4.5.2 or higher (downloaded and installed during installation of iQniter software).
- iQniter software – latest update.
- Standard http/https internet ports 80/443 must be open. Please check they are not blocked in firewalls.
- Windows software must be up-to-date, i.e. all essential Windows Updates must be installed.
- Terminal environments, virtual or emulated Windows installations are NOT applicable.

Cabling Requirements

Display or projector
The display or projector needs as minimum to support at least 1024x768 resolution and have a VGA, DVI or HDMI connector. High lumen projectors are recommended. For long distances (>10 m), only high-quality cables are suitable. When using video cables longer than 15 meters, the signal must be boosted using a video distribution amplifier. If the same output is shown on many A/V units, a splitter is needed.

NOTE! S-Video connector is not recommended due to lower signal quality.

LAN - Network
The following Ethernet cable types are recommended:

- CAT5e/6 FTP (Foiled Twisted Pair) or CAT5e/6 STP (Shielded Twisted Pair)

UTP (Unshielded Twisted Pair) cable is not recommended. UTP cable is not surrounded by any shielding and therefore does not offer the necessary protection against interference from external sources. The FTP/STP shielding provides protection against interference as well as grounding for the components and better protection against ESD (electrostatic discharge).

If there is a router without free ports or if the distance between computers is more than 100 meters, a repeater/hub or switch needs to be added to the network.

NOTE! Use high quality cables and network components to ensure a good, reliable network connection.

PoE-cable between Team Receiver and PoE-adabter
The cable between the PoE-adapter and the iQniter Team Receiver must be 8-wires (4 twisted pair) CAT5e or better. Max cable length between PoE-adapter and iQniter Team Receiver is 30m (100 ft).