

Membership Card Controlled Access

The following diagram shows the supported setup for membership card controlled access. This setup has been tested for running serial devices up to 100 feet over Cat5 and Cat6 cable. Shielded cable may be required in some circumstances and will ensure better transmission of the signal in all instances. Distances beyond 100 feet have not been tested and are not supported by Peak Software, even though they may be possible. USB barcode readers with powered USB over Cat5 extenders have been tested, but were not reliable for membership card controlled access over distances greater than 20 feet.

SportsMan contains controls for restricting access to areas by age or gender and can be useful for fitness and weight rooms or locker rooms. Using barcode devices for outside access is not recommended since barcodes are easily reproducible.

Serial barcode readers, serial to Cat5 adapters and the 8 channel Ethernet relay switch are all available for order from Peak Software at www.sportsmansql.com. Security system installers and companies can be a good resource for door lock devices and for installing and running wiring for the setup shown.

