

# TCP/UDP Ports

## Transmission Control Protocol (TCP)

TCP defines a 16 bit addressing scheme for network services and is regarded as a reliable protocol because it includes functions to ensure the successful transmission of data. When a certain number of segments have been received, the receiving host sends an acknowledgement to the sender as confirmation of successful data transmission.

### Port

38880	HTTP connection port for TCP
38881	HTTP Secure Authentication and Control Connection Port

## User Datagram Protocol (UDP)

UDP is generally regarded as an unreliable protocol because it does not ensure the successful transmission of data. Instead the main objective is to transmit data as quickly as possible. When using UDP, the sending host simply sends segments without waiting to make sure the recipient has received them.

### Port

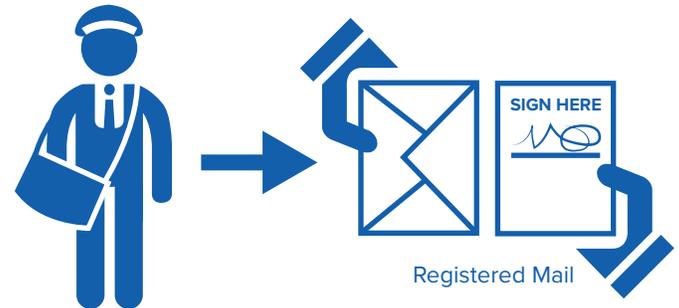
51000 - 55000	Video streaming ports between server and ACC <sup>™</sup> Client software. If not accessible, change the ACC Client software to WAN mode to enable TCP comms only.
38883	This is an optional ACC Client software to server auto-discovery multicast port. If the client does not see this port, you may need to manually add the site.

## Other Frequently Used Ports

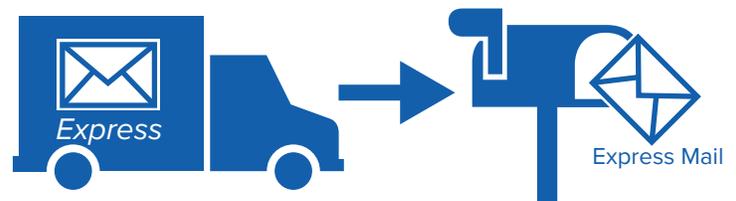
### Port

21	File Transfer Protocol (FTP)
22	Secure Shell (SSH)
25	Simple Mail Transfer (SMTP)
80	Hypertext Transfer Protocol (HTTP)
389	Lightweight Directory Protocol (LDAP)

## TCP is like...



## UDP is like...



## Avigilon Port Configuration

Base ports are configurable through the ACC Admin Tool.

NTP stands for Network Time Protocol, and it is an Internet protocol used to synchronize the clocks of computers to some time reference.

