cnMatrix Port Settings Features Parameters and Commands

Negotiation

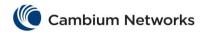| Commands	Description	CLI Mode
negotiation	Enables auto-negotiation on the interface.	Interface Configuration (Physical Interface)
no negotiation	Disables auto-negotiation on the interface.	Interface Configuration (Physical Interface)

Speed

Commands	Description	CLI Mode
speed { 10 | 100 | 1000 | 10000 | auto | nonegotiate} Available options: • 10 - Port runs at 10Mbps. • 100 - Port runs at 100Mbps. • 1000 - Port runs at 1000Mbps. • 10000 - Port runs at 10000Mbps. • auto - Port automatically configures it's speed based on the peer switch. • nonegotiate - Disables negotiation on the ports.	Sets the speed of the interface.	Interface Configuration (Physical Interface)

Duplex

Commands	Description	CLI Mode
duplex { full | half |auto} Available options: • full - Port is in full-duplex mode, that is data simultaneously communicates in both directions. • half - Port is in half-duplex mode, that is data can communicate in both directions, but only in one direction at a time. • auto - Port is in auto mode.	Configures the duplex operation.	Interface Configuration (Physical Interface)

MTU

Commands	Description	CLI Mode
`mtu <frame-size(46-9216)>`	Configures the maximum transmission unit frame size for all the frames transmitted and received on all the interfaces in a switch.	Interface Configuration (Physical Interface)