

# Mercury Controllers - Comparison Chart

	LP4502	LP2500	LP1501	LP1502	MR50-S3	MR52-S3	MR62e	MR16IN-S3	MR16OUT-S3
<b>Open Architecture</b>	x	x	x	x	x	x	x	x	x
<b>Capabilities</b>									
Number of Openings Managed MAX	64	64	17	64	1	2	2	0	0
Number of Readers Managed MAX	64	64	17	64					
Number of Readers Directly Connected MAX	4	0	2	4	2	4	4 (OSDP only)	0	0
Cardholder MAX	2,000,000	600,000	240,000	240,000					
Access levels per cardholder	255	255	255	255					
Inputs Managed MAX	1024	1024	130	520					
Outputs Managed MAX	1024	1024	130	516					
Number of On-Board General Purpose Inputs	8	0	2	8	2	8	6	16	0
Number of On-Board General Purpose Outputs	4	0	2	4	2	6	4	2	16
Reader Power Draw per Port MAX	300mA		300mA	300mA	300mA	300mA	300mA		
Relay Rating MAX @ 30VDC	5A		2A	5A	5A/2A	5A	2A	5A	5A
Lock/Reader Power MAX using PoE+			1.25A				1.5A		
Edge-mountable in 3-gang box			x				x		
Micro USB Port	x	x	x	x					
microSD Card (2GB to 8GB)	x	x	x	x					
<b>Security and Network</b>									
Ethernet Speed (Mbps)	10/100	10/100	10/100	10/100			10/100		
Internet Protocol	v4/v6	v4/v6	v4/v6	v4/v6			v4/v6		
Dual IP Connectivity (using adapter)	x	x	x	x					
OSDP Secure Channel for On-Board Reader Ports	x	N/A	x	x	x	x	x		
Upstream Encryption	TLS, AES	TLS, AES	TLS, AES	TLS, AES	AES	AES	AES	AES	AES
Peer Certificate Loading	x	x	x	x			x		
Port Based Access Control using 802.1X	x	x	x	x					
IP Device Management using SNMP	x	x	x	x			x		
IP Device Discovery using Zeroconf (mDNS)	x	x	x	x			x		
NIST Certified Encryption (FIPS 140-2)	x	x	x	x			x		
Crypto Memory Chip	x	x	x	x	x	x	x	x	x
Data Encryption at Rest	x	x	x	x					
<b>3rd Party Integrations and Applications</b>									
Elevator Destination Dispatch	x								
Building Control Integration	x								
US Gov't FICAM Strong Authentication	x								
Wireless Lock Hub Support	x	x	x	x					
Power Supply Alerts and Events	x	x	x	x					