

Network Switches	VigorSwitch P2540xs	VigorSwitch PQ2200xb	VigorSwitch PQ2121xb	VigorSwitch PQ2121x	VigorSwitch P2280x	VigorSwitch P1282
Performance						
Buffer Size (Mbit)	16	12	12	12	12	4.2
Switching Capacity (Gbps)	216	160	120	120	128	56
Forwarding Rate (64 bytes)(Mpps)	160.7	119.04	89.28	89.28	95.2	41.7
MAC Address Table	32K	16K	16K	16K	16K	8K
Jumbo Frame (Max.)(KB)	12	12	10	10	12	9
L3 Routing Table	✓	✓	✓	✓	✓	
Port						
RJ-45 (1GbE/2.5GbE)	48/0	0/16	0/8	0/8	24/0	24/0
SFP/SFP+	0/6	0/4	0/4	0/4	0/4	
RJ-45/SFP Combo (1GbE)						4
Console	1	1	1	1	1	
PoE						
PoE+/PoE++ Ports	48/0	12/4	4/4	8	24/0	24/0
PoE Power Budget (watts)	400	400	240	140	400	400
LAN						
Spanning Tree	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP
Link Aggregation Group (LACP) (Max. Group Number / Max. Number in each group)	8/8	8/8	✓	✓	8/8	8/8
ONVIF Surveillance	✓	✓	✓	✓	✓	✓
VLAN						
Tag-Based VLAN / MAC-Based VLAN / Voice & Surveillance VLAN	Y/Y/Y	Y/Y/Y	Y/Y/Y	Y/Y/Y	Y/Y/Y	Y/Y/Y
GVRP/QinQ (Basic)	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	N/N
Layer3 Features						
Static Route / VLAN Route / DHCP Server	✓	✓	✓	✓	✓	
Security						
IP Conflict Detection & Prevention / IP Source Guard	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y
Access Control List	✓	✓	✓	✓	✓	✓
802.1X/MAC Authentication	✓	✓	✓	✓	✓	
Dynamic ARP Inspection (DAI)	✓	✓	✓	✓	✓	
DHCP Snooping	✓	✓	✓	✓	✓	
Traffic Control	Storm Control, DoS Defense	Storm Control, DoS Defense	Storm Control, DoS Defense	Storm Control, DoS Defense	Storm Control, DoS Defense	Storm Control, DoS Defense
Multicast						
IGMP Snooping	v2, v3(BISS)	v2, v3(BISS)	v2, v3(BISS)	v2, v3(BISS)	v2, v3(BISS)	v2, v3(BISS)
MLD Snooping (Basic)	v1, v2	v1, v2	v1, v2	v1, v2	v1, v2	
Management						
sFlow	✓	✓	✓	✓	✓	
SNMP	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
LLDP / LLDP-MED	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/N
VigorRouter Mgmt. (SWM)	✓	✓	✓	✓	✓	✓
VigorConnect Mgmt. (Since Model F/W)	V2.6.3	✓	✓	✓	V2.5.1	V2.5.1
VigorACS 3 Mgmt. (Since Model F/W)	V2.6.3	✓	✓	✓	V2.6.1	V2.3.0

Network Switches	VigorSwitch G2540xs	VigorSwitch Q2200x	VigorSwitch FX2120	VigorSwitch Q2121x	VigorSwitch G2280x	VigorSwitch G1282
Performance						
Buffer Size (Mbit)	16	12	16	12	12	4.2
Switching Capacity (Gbps)	216	160	240	120	128	56
Forwarding Rate (64 bytes)(Mpps)	160.7	119.04	178.56	89.28	95.2	41.7
MAC Address Table	32K	16K	32K	16K	16K	8K
Jumbo Frame (Max.)(KB)	12	12	12	10	12	9
L3 Routing Table	✓	✓	✓	✓	✓	
Port						
RJ-45 (1GbE/2.5GbE)	48/0	0/16		0/8	24/0	24/0
SFP/SFP+	0/6	0/4	0/12	0/4	0/4	
RJ-45/SFP Combo (1GbE)						4
Console	1	1	1	1	1	
PoE						
PoE+ Ports/PoE++ Ports						
PoE Power Budget (watts)						
LAN						
Spanning Tree	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP
Link Aggregation Group (LACP) (Max. Group Number / Max. Number in each group)	8/8	8/8	8/8	✓	8/8	8/8
ONVIF Surveillance	✓	✓	✓	✓	✓	✓
VLAN						
Tag-Based VLAN / MAC-Based VLAN / Voice & Surveillance VLAN	Y/Y/Y	Y/Y/Y	Y/Y/Y	Y/Y/Y	Y/Y/Y	Y/Y/Y
GVRP/QinQ (Basic)	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	N/N
Layer3 Features						
Static Route / VLAN Route / DHCP Server	✓	✓	✓	✓	✓	
Security						
IP Conflict Detection & Prevention / IP Source Guard	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y
Access Control List	✓	✓	✓	✓	✓	✓
802.1X/MAC Authentication	✓	✓	✓	✓	✓	
Dynamic ARP Inspection (DAI)	✓	✓	✓	✓	✓	
DHCP Snooping	✓	✓	✓	✓	✓	
Traffic Control	Storm Control, DoS Defense	Storm Control, DoS Defense	Storm Control, DoS Defense	Storm Control, DoS Defense	Storm Control, DoS Defense	Storm Control, DoS Defense
Multicast						
IGMP Snooping	v2, v3(BISS)	v2, v3(BISS)	v2, v3(BISS)	v2, v3(BISS)	v2, v3(BISS)	v2, v3(BISS)
MLD Snooping (Basic)	v1, v2	v1, v2	v1, v2	v1, v2	v1, v2	
Management						
sFlow	✓	✓	✓	✓	✓	
SNMP	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3	v1, v2c, v3
LLDP / LLDP-MED	Y/Y	Y/Y	Y/Y	Y/Y	Y/Y	Y/N
VigorRouter Mgmt. (SWM)	✓	✓	✓	✓	✓	✓
VigorConnect Mgmt. (Since Model F/W)	V2.6.3	✓	✓	✓	V2.5.1	V2.5.1
VigorACS 3 Mgmt. (Since Model F/W)	V2.6.3	✓	✓	✓	V2.6.1	V2.3.0