

Product Model	Cisco 3560	MR2226-POE	MR2324-4C	MR3312-4C
PRICE	US\$ 3000-4000	US\$ 3400	US\$ 4050	US\$ 3420
PHYSICAL CONFIGURATION				
Fixed Ports	24/48 10/100 PoE Ports + 2/more SFP-based Gigabit Ethernet ports	24 10/100 POE Ports +2 ComboG (RJ-45 / SFP) Uplink Ports	20 10/100/1000 Ports +4 ComboG Ports (RJ-45 / SFP)	8 GE SFP Ports +4 ComboG Ports (RJ-45 / SFP)
Dimension (HxWxD) cm.	1.73 x 17.5 x 11.8 in (4.4 x 44.5 x 30.1 cm)	1 RU (4.3x44.0x32.4)	1 RU (4.4x44.0x35,4)	1 RU (4.4x44.0x23)
Redundant Power Supply	Yes, RPS Connector	Yes; RPS Connector	Yes; RPS Connector	Yes; RPS Connector
Out-of Band Mgmt Console Port	Yes	Yes	Yes	Yes
STACKING FEATURES				
No. of Units/Ports Supported in a Stack	depend on series	8 Units	N/A	N/A
Stacking Bandwidth		2 Gbps	N/A	N/A
Resilient Stacking		Yes	N/A	N/A
Hot-Swappable of Stacked Unit	Yes	Yes	N/A	N/A
Backup Stack Master Election		Yes	N/A	N/A
PERFORMANCE				
MAC Address Table Size	12 K	8 K	32 K	16 K
Switch Fabric (Gbps)	32	8.8	24	24
LAYER 2-4 FEATURES				
Link Aggregation				
- IEEE802.3ad with LACP	Yes	Yes	Yes	Yes
- Traffic Load Balancing	Yes	Yes	Yes	Yes
VLAN				
- 802.1Q Tagging	Yes	Yes	Yes	Yes
- Port -Based	Yes	Yes	Yes	Yes
- GVRP		Yes	Yes	Yes
Supported VLAN	1005		256	
Spanning Tree/RSTP				
Spanning Tree/RSTP	Yes, RSTP and PVST+	Yes	Yes	Yes
Multicast (IGMP) Snooping	Yes	Yes	Yes	Yes
Broadcast (Storm) Control	Yes	Yes	Yes	Yes
Flow Control	Yes	Yes	Yes	Yes
Jumbo Frame Support	Yes	Yes	Yes	Yes
LAYER 3 FEATURES				
Static Route	Yes	N/A	No	Yes
Unicast Routing				
- RIP	Yes	N/A	No	Yes
- OSPF	Yes	N/A	No	Yes
Multicast Routing				
- IGMP	Yes	N/A	No	Yes
- DVMRP	Yes	N/A	No	Yes
- PIM-DM	Yes	N/A	No	Yes
LAYER 4 FEATURES				
Rate Limiting	Yes, using QoS feature	Yes	N/A	Yes

Priority Queue Scheduling	Yes	Yes: WRR & Strict Priority	Yes: WRR & Strict Priority	Yes: WRR & Strict Priority
CoS				
- IEEE 802.1p	Yes	Yes: 4 Queues	Yes: 8 Queues	Yes
- IP Precedence		Yes	Yes	Yes
- DSCP	Yes	Yes	Yes	Yes
- TCP / UDP	Yes	Yes	Yes	Yes
MANAGEMENT				
Command Line Interface (CLI)	Yes	Yes	Yes	Yes
Web Interface	Yes	Yes	Yes	Yes
Telnet (RFC854)	Yes	Yes	Yes	Yes
Port Mirroring		Yes	Yes	Yes
Remote Ping	Yes	Yes	Yes	Yes
SNMP (RFC 2030)	Yes	Yes	Yes	Yes
Dual F/W Images		Yes	Yes	Yes
Configuration Download / Upload	Yes	Yes	Yes	Yes
SNMP - Agent	Yes	Yes: v1 / v2c	Yes: v1/v2c/v3	Yes: v1/v2c/v3
RMON - RMON 1 (1,2,3,8,9 groups)	Yes	Yes	Yes	Yes
DHCP (RFC 2131, 3046)	Yes, DHCP server and DHCP relay	Yes	Yes	Yes
Event /Error Log - Local Flash	Yes	Yes	Yes	Yes
DNS	Yes	N/A	N/A	N/A
MRV has more than 50 offiSECURITY		he world. Addr	esses, phone	numbers, and
Static Port Security (MAC-based)	Yes	Yes mail us at sales	Yes @mrv.com or	call us for assiYes
IEEE 802.1x	Yes	Yes	Yes	Yes
ACL Rules	Yes	Yes	Yes	Yes
MRV (West Coast USA) RADIUS Authentication	Yes, RADIUS Authentication	MRV Yes	(East Coast USA) Yes	Yes
20415 Nordhoff St. TACACS+ Authentication	Yes	Yes	295 Foster St. Yes	Yes
Chatsworth, CA 91311 HTTPS and SSL (Secure Web)	Yes	LitYes	tleton, MA 01460 Yes	Yes
800-338-5316 818-773-0900 SSH v1.5 / v2.0 (Secured Telnet Session)	Yes (depend on IOS version)	Yes	800-338-5316 978-952-4700 Yes	Yes
UserName / Password Authentication	Yes	Yes	Yes	Yes