

Switching Products				
Category	Features	Security	Port Authentication 802.1x	
Management	CLI		Port- MAC binding	
	SSHv1, v2		MAC Limiting	
	HTTPS		Anti-spoofing (MAC-IP, ARP)	
	XMP		ACL	
	SNMPv2, v3		Private VLAN (PVLAN)	
	RMON		Per port broadcast, multicast and unicast storm control	
Switching Features	EzEMS™ (Nivetti's Element Management Systems)		MACSEC (802.1ae) Optional	
	VLAN (802.1Q, 802.1p)	Quality of Service (QoS)	Multi-field classification & Marking	
	Link Aggregation (802.1ax)		Up to 8 priorities queues per port	
	STP (802.1D)		Policing –DLB, srTCM, trTCM and modified trTCM (RFC 2697, RFC 2698 & RFC 4115)	
	RSTP (802.1w)		Shaping and Scheduling – SPR, WFQ, CIR-EIR, RED, WRED	
	MSTP (802.1s)		L2, L3, L4 based packet classification	
	Ethernet Ring Protection (G.8032 v1, v2)		Multicast	IGMP v2/v3,
	LLDP (IEEE 802.1ab)	IGMP Proxy		
	LLC (IEEE 802.2)	IGMP Snooping		
	DHCP Snooping	Fast Leave		
	DHCP Server	PIM SM		
	1588v2 PTP	PIM DM		
	SyncE	PIM SSM		
	Local and remote port mirroring	L3 Features		RIPv2
	Dynamic VLAN allocation			OSPFv2, v3
Ethernet OAM (IEEE 802.3ah)	Dual Stack			
AAA	CFM (IEEE 802.1ag)	BGP4		
	RADIUS	ECMP		
	TACACS+	VRRP		
	AAA Policy Domains, EAP	DHCP relay		