Feature Matrix for FortiSwitchOS 7.4.2

The following table lists the FortiSwitch features in Release 7.4.2 that are supported on each series of FortiSwitch models. All features are available in Release 7.4.2, unless otherwise stated. Features marked with ✓ are supported by FortiSwitch units in standalone mode; features marked with 🔗 are supported in both standalone and in managed mode. Security Fabric features are available exclusively in managed mode when supported by the FortiOS version.

Feature	GUI Supported	FSR-112D-POE	FSR-124D	FSR-424F-POE	1xxE, 1xxF	200 Series	4xxE	500 Series	6xxF	1024D, 1024E, 1048E, T1024E	2048F	3032E
Security Fabric (exclusively in managed mode)												
Centralized configuration	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Centralized firmware management	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Automated detection and recommendations	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Syslog collection	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Device detection	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Network device detection	—	—	🔗	🔗	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Block intra-VLAN traffic (See note 7.)	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Host quarantine	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Integrated FortiGate network access control (NAC) function	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
NAC LAN segments (See note 12.)	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
FortiGuard IoT identification	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Support of matching FortiClient EMS tags in NAC policies	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Support of matching IoT/OT vulnerabilities in NAC policies	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗

Feature	GUI Supported	FSR-112D-POE	FSR-124D	FSR-424F-POE	1xxE, 1xxF	200 Series	4xxE	500 Series	6xxF	1024D, 1024E, 1048E, T1024E	2048F	3032E
Dynamic port policies	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
FortiSwitch VLANs over VXLAN	—	—	—	—	—	—	—	—	—	🔗 (1024E, 1048E, T1024E)	—	🔗
FortiLink management over VXLAN	—	—	—	🔗	—	—	🔗	🔗	—	🔗	—	🔗
FortiView Internal Hubs	🔗	—	🔗	🔗	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗
NAC device telemetry	—	—	🔗	🔗	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Inter-VLAN routing offload (See note 19.)	—	—	—	—	—	—	—	—	—	🔗	🔗	🔗
FortiLink Secure Fabric authentication	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗	—	🔗	🔗	🔗
FortiLink Secure Fabric encryption	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗	—	🔗	🔗	🔗
FortiLink using HTTPS	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Management and Configuration												
CPLD software upgrade support for OS	—	—	—	—	—	—	—	—	✓	1024D	—	—
Firmware image rotation (dual-firmware image support)	—	✓	✓	✓	124F, 124F-POE, 124F-FPOE, 148E, 148E-POE, 148F, 148F-POE, 148F-FPOE	✓	✓	✓	✓	✓	✓	✓
HTTP REST APIs for configuration and monitoring	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Support for switch SNMP OID	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
IP conflict detection and notification	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FortiLAN Cloud configuration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FortiSwitch Manager configuration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Auto topology	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗

Feature	GUI Supported	FSR-112D-POE	FSR-124D	FSR-424F-POE	1xxE, 1xxF	200 Series	4xxE	500 Series	6xxF	1024D, 1024E, 1048E, T1024E	2048F	3032E
Security and Visibility												
RADIUS for administrative authentication	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TACACS+ for administrative authentication	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
802.1X port mode	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
802.1X MAC-based mode	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
802.1X MAC-based mode: Wake-on-LAN	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
User-based (802.1X) VLAN assignment	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
802.1x: priority for dynamic or egress VLAN assignment	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
802.1X: MAB	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
802.1X: MAB entry aging	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
open-auth mode	✓	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
MAC move	—	—	✓	✓	✓	✓	✓	✓	—	✓	✓	✓
802.1X/MAB priority	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Support of the RADIUS accounting server	Partial	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Support of RADIUS CoA and disconnect messages	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
EAP pass-through	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
IP-MAC binding (IPv4)	✓	—	—	—	—	—	—	🔗	—	🔗	🔗	🔗
sFlow (IPv4)	✓	🔗	🔗	🔗	🔗 (124F, 148E, 148F)	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Flow export (IPv4)	✓	—	🔗	🔗	🔗 (124F, 148F)	🔗	🔗	🔗	🔗	🔗	🔗	🔗
ACL (IPv4) (See note 16.)	✓	🔗	🔗	🔗	✓	🔗	🔗	🔗	🔗	🔗	🔗	🔗
ACL (IPv6 ingress)	—	—	—	✓	—	✓	✓	✓	—	✓	✓	✓

Feature	GUI Supported	FSR-112D-POE	FSR-124D	FSR-424F-POE	1xxE, 1xxF	200 Series	4xxE	500 Series	6xxF	1024D, 1024E, 1048E, T1024E	2048F	3032E
Multistage ACL (IPv4)	✓	—	—	—	—	—	—	✓	—	✓	✓	✓
Multiple ingress ACLs (IPv4)	✓	—	✓	✓	—	✓	✓	✓	—	✓	✓	✓
Schedule for ACLs (IPv4)	—	—	✓	✓	✓	✓	✓	✓	—	✓	✓	✓
Dynamic ACLs (IPv4)	—	—	✓	✓	✓	✓	✓	✓	—	✓	✓	✓
ACL: color marking (IPv4)	✓	—	—	✓	—	✓	✓	✓	—	✓	✓	✓
DHCP snooping (See note 15.)	🔗	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
DHCPv6 snooping	✓	—	—	✓	—	✓	✓	✓	—	✓	✓	✓
DHCP-snooping static entries (IPv4)	—	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
DHCP-snooping option 82	—	—	🔗	🔗	🔗	🔗	🔗	🔗	—	🔗	🔗	🔗
Allowed DHCP server list	✓	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Flap guard	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
IP source guard (IPv4)	✓	—	🔗	🔗	—	🔗	🔗	—	—	—	—	—
IP source-guard violation log	—	—	✓	✓	—	✓	✓	—	—	—	—	—
Dynamic ARP inspection (IPv4)	✓	—	🔗	🔗	🔗	🔗	🔗	🔗	—	🔗	🔗	🔗
ARP timeout value	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RMON group 1	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Reliable syslog	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Packet capture	🔗	—	🔗	🔗	🔗 (124F, 148E, 148F)	🔗	🔗	🔗	🔗	🔗	🔗	🔗
MACsec: PSK mode (See note 6.)	✓	—	—	—	—	—	—	🔗	—	🔗 (1024E, T1024E)	—	—
MACsec: Dynamic-CAK mode (See note 6.)	✓	—	—	—	—	—	—	🔗	—	🔗 (1024E, T1024E)	—	—

Feature	GUI Supported	FSR-112D-POE	FSR-124D	FSR-424F-POE	1xxE, 1xxF	200 Series	4xxE	500 Series	6xxF	1024D, 1024E, 1048E, T1024E	2048F	3032E
OS image signature verification (See note 17.)	✓	—	—	✓	✓	✓	✓	—	—	1024E, 1048E, T1024E	✓	✓
Network monitor	✓	—	✓	✓	✓	✓	✓	✓	—	✓	✓	✓
Layer 2												
Link aggregation group size (maximum number of ports) (See note 2.)	✓	8	8	8	8	8	8	24/48	28/56	24/48	48	24/64
LAG min-max bundle	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
LACP fallback mode	—	✓	✓	✓	✓	✓	✓	✓	—	✓	✓	✓
IPv6 RA guard	—	✓	✓	✓	✓	✓	✓	✓	—	✓	✓	✓
IGMP snooping	✓	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
IGMP proxy	✓	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
IGMP querier	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
MLD snooping	✓	—	—	—	—	—	—	✓	—	✓	✓	✓
MLD proxy	✓	—	—	—	—	—	—	✓	—	✓	✓	✓
MLD querier	✓	—	—	—	—	—	—	✓	—	✓	✓	✓
LLDP transmit	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
LLDP-MED	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
LLDP-MED: ELIN support	✓	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
MAC learning limit (See note 3.)	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	—	—	—
Learning-limit violation log (See note 3.)	✓	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	—	—	—
Learning-limit violation action	—	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—
set mac-violation-timer	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Sticky MAC	✓	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Warning when the layer-2 table is getting full	—	—	✓	✓	—	✓	✓	✓	—	—	—	—

Feature	GUI Supported	FSR-112D-POE	FSR-124D	FSR-424F-POE	1xxE, 1xxF	200 Series	4xxE	500 Series	6xxF	1024D, 1024E, 1048E, T1024E	2048F	3032E
MSTP instances	—	0-15	0-15	0-15	0-15	0-15	0-15	0-32	0-32	0-32	0-32	0-32
STP root guard	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
STP BPDU guard	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Rapid PVST interoperation	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
'forced-untagged' or 'force-tagged' setting on switch interfaces	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Private VLANs	✓	—	✓	✓	—	✓	✓	✓	—	✓	✓	✓
Multi-stage load balancing	—	—	—	—	—	—	—	—	—	✓	✓	✓
Priority-based flow control	—	—	—	—	—	—	—	✓	—	✓	✓	✓
Ingress pause metering	—	—	—	🔗	—	🔗	🔗	🔗	—	🔗 (1024D, 1048E)	🔗	—
Storm control	✓	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Per-port storm control	✓	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Global burst-size control	✓	🔗	🔗	🔗	🔗	🔗	🔗	🔗	—	🔗	🔗	🔗
MAC/IP/protocol-based VLAN assignment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Virtual wire	✓	—	✓	✓	—	✓	✓	✓	—	✓	✓	✓
Loop guard	✓	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Percentage rate control	🔗	—	🔗	🔗	—	🔗	🔗	🔗	—	🔗	🔗	🔗
VLAN stacking (QnQ)	✓	—	✓	✓	—	✓	✓	✓	—	✓	✓	✓
VLAN mapping (See note 13.)	✓	✓	✓	✓	124F, 124F-POE, 124F-FPOE, 148F, 148F-POE, 148F-FPOE	✓	✓	✓	—	✓	✓	✓
SPAN	✓	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
RSPAN and ERSPAN (IPv4)	✓	🔗 (RSPAN)	🔗	🔗	—	🔗	🔗	🔗	🔗 (RSPAN)	🔗	🔗	🔗

Feature	GUI Supported	FSR-112D-POE	FSR-124D	FSR-424F-POE	1xxE, 1xxF	200 Series	4xxE	500 Series	6xxF	1024D, 1024E, 1048E, T1024E	2048F	3032E
FortiOS one-arm sniffer	—	(RSPAN)			—				(RSPAN)			
Traffic policy (policer)	—	—			—				—			
Flow control	—											
Layer 3												
VXLAN (hardware based)	—	—	—	—	—	—	—	—	—	✓ (1024E, 1048E, T1024E)	✓	✓
VXLAN: STP virtual root	—	—	—	✓	—	—	✓	✓	—	✓ (1024E, 1048E, T1024E)	✓	—
VXLAN: ECMP	—	—	—	—	—	—	—	—	—	✓ (1024E, 1048E, T1024E)	✓	✓
RVI	—	—	—	✓	—	—	448E, 448E-FPOE, 448E-POE, 424E-Fiber	✓	✓	✓	✓	✓
Link monitor (IPv4/IPv6)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Static routing (IPv4/IPv6) (See note 9.)	✓	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Software-based routing only (IPv4/IPv6)	✓	✓	—	—	✓	—	—	—	✓ (IPv6)	—	—	—
Hardware-based routing (IPv4/IPv6)	✓	—	✓	✓	—	✓	✓	✓	✓ (IPv4)	✓	✓	✓
ECMP with hardware-based routing (IPv4/IPv6)	—	—	—	—	—	—	✓	✓	✓ (IPv4)	✓	✓	✓
Static BFD (IPv4/IPv6)	✓	✓	✓	✓	✓	✓	✓	✓	✓ (IPv4)	✓	✓	✓
uRPF	—	—	—	—	—	—	—	✓	—	✓	✓	✓
DHCP relay (IPv4)	✓	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DHCP server (IPv4)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Layer 3: Requires Advanced Features License												

Feature	GUI Supported	FSR-112D-POE	FSR-124D	FSR-424F-POE	1xxE, 1xxF	200 Series	4xxE	500 Series	6xxF	1024D, 1024E, 1048E, T1024E	2048F	3032E
Policy-based routing (IPv4)	✓	—	—	✓	—	✓	✓	✓	—	✓	✓	✓
VRF (IPv4/IPv6)	✓	—	—	—	—	—	—	✓	✓ (IPv4)	✓	✓	✓
OSPF (IPv4/IPv6)	✓	—	—	✓	—	✓	✓	✓	✓	✓	✓	✓
BFD for OSPF (IPv4/IPv6)	✓	—	—	✓	—	✓	✓	✓	✓	✓	✓	✓
OSPF database overflow protection (IPv4)	—	—	—	✓	—	✓	✓	✓	✓	✓	✓	✓
OSPF graceful restart (IPv4, helper mode only)	—	—	—	✓	—	✓	✓	✓	✓	✓	✓	✓
OSPF: VRF support (IPv4)	✓	—	—	—	—	—	—	✓	✓	✓	✓	✓
RIP (IPv4/IPv6)	✓	—	—	✓	—	✓	✓	✓	✓	✓	✓	✓
BFD for RIP (IPv4/IPv6)	—	—	—	✓	—	✓	✓	✓	✓	✓	✓	✓
VRRP (IPv4/IPv6)	✓	—	—	✓	—	✓	✓	✓	✓ (IPv4)	✓	✓	✓
BGP (IPv4/IPv6)	—	—	—	✓	—	—	✓	✓	✓	✓	✓	✓
BFD for BGP (IPv4/IPv6)	—	—	—	✓	—	—	✓	✓	✓	✓	✓	✓
IS-IS (IPv4/IPv6)	✓	—	—	✓	—	✓	✓	✓	✓	✓	✓	✓
BFD for IS-IS (IPv4/IPv6)	—	—	—	✓	—	✓	✓	✓	✓	✓	✓	✓
PIM-SSM (IPv4)	✓	—	—	✓	—	—	✓	✓	—	✓	✓	✓
VXLAN: BGP EVPN	—	—	—	—	—	—	—	—	—	✓ (1024E, 1048E, T1024E)	✓	✓
VXLAN: Duplicate address detection	—	—	—	—	—	—	—	—	—	✓ (1024E, 1048E, T1024E)	✓	✓
VXLAN: ARP/ND suppression	—	—	—	—	—	—	—	—	—	✓ (1024E, 1048E, T1024E)	✓	✓
High Availability												
MCLAG (multichassis link aggregation group)	Partial	—	—	🔗	—	🔗	🔗	🔗	—	🔗	🔗	🔗

Feature	GUI Supported	FSR-112D-POE	FSR-124D	FSR-424F-POE	1xxE, 1xxF	200 Series	4xxE	500 Series	6xxF	1024D, 1024E, 1048E, T1024E	2048F	3032E
STP supported in MCLAGs	—	—	—	🔗	—	🔗	🔗	🔗	—	🔗	🔗	🔗
IGMP snooping support in MCLAG	✓	—	—	🔗	—	🔗	🔗	🔗	—	🔗	🔗	🔗
Layer-3 (IPv4) routing in MCLAG	—	—	—	VRRP and static	—	VRRP and static	VRRP and static	✓	—	✓	✓	✓
High-Availability Seamless Redundancy (HSR) (See note 20.)	—	—	—	✓	—	—	—	—	—	—	—	—
Parallel Redundancy Protocol (PRP) (See note 20.)	—	—	—	✓	—	—	—	—	—	—	—	—
MRP	—	✓	✓	—	—	—	—	—	—	—	—	—
Quality of Service												
802.1p support, including priority queuing trunk and WRED (See note 18.)	✓	—	🔗	🔗	🔗	🔗	🔗	🔗	—	🔗	🔗	🔗
QoS queue counters	—	—	🔗	🔗	—	🔗	🔗	🔗	—	🔗	🔗	🔗
Tail-drop policy	✓	—	✓	✓	✓	✓	✓	✓	—	✓	✓	✓
RED drop policy	✓	—	✓	—	—	✓	—	—	—	—	—	—
WRED drop policy	✓	—	—	✓	—	—	✓	✓	—	✓	✓	✓
Egress drop mode	—	—	—	—	—	—	—	✓	—	✓	✓	✓
QoS marking (IPv4/IPv6)	—	—	✓	✓	—	✓	✓	✓	—	✓	✓	✓
Summary of configured queue mappings	🔗	—	🔗	🔗	🔗	🔗	🔗	🔗	—	🔗	🔗	🔗
Egress priority tagging (IPv4/IPv6)	—	—	🔗	🔗	—	🔗	🔗	🔗	—	🔗	🔗	🔗
ECN (IPv4/IPv6)	✓	—	—	🔗	—	—	🔗	🔗	—	🔗	🔗	🔗
Real-time egress queue rates (See note 11.)	—	—	—	✓	148F, 148F-POE, 148F-FPOE	✓	✓	✓	—	✓	✓	✓
Miscellaneous												
PoE-pre-standard detection (See note 1.)	—	🔗	🔗	🔗	🔗 (1xxE-POE)	🔗	🔗	🔗	—	—	—	—

Feature	GUI Supported	FSR-112D-POE	FSR-124D	FSR-424F-POE	1xxE, 1xxF	200 Series	4xxE	500 Series	6xxF	1024D, 1024E, 1048E, T1024E	2048F	3032E
PoE modes support: first come, first served or priority based (PoE models)	—	🔗	🔗	🔗	🔗 (1xxE-POE)	🔗	🔗	🔗	🔗	—	—	—
Perpetual PoE (See notes 1 and 14.)	—	—	—	✓	🔗	—	—	—	🔗	—	—	—
PoE disconnection type	—	—	—	✓	—	✓	✓	—	—	—	—	—
Split port (See note 5.)	Partial	—	—	—	—	—	—	🔗	—	🔗 (1024E, 1048E, T1024E)	—	🔗
TDR (time-domain reflectometer)/cable diagnostics support	🔗	—	🔗	🔗	🔗	🔗	🔗	🔗	—	—	—	—
Auto module max speed detection and notification	✓	—	—	—	—	—	—	✓	✓	✓	✓	—
Monitor system temperature (threshold configuration and SNMP trap support) (See note 10.)	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MAC notification SNMP trap	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cut-through switching	—	—	—	—	—	—	—	—	—	1024D	—	—
Add CLI to show the details of port statistics	—	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗	🔗
Configuration of the QSFP low-power mode	—	—	—	—	—	—	—	✓	—	1024E, 1048E, T1024E	✓	✓
Energy-efficient Ethernet	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—
PHY Forward Error Correction (See note 4.)	—	—	—	—	—	—	—	—	✓	1024E, 1048E, T1024E	✓	✓
PTP version 2 transparent clock (IPv4/IPv6) (See note 8.)	—	—	—	🔗	—	🔗	🔗	🔗	—	🔗 (1024E, 1048E, T1024E)	🔗	🔗
Alias commands	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Automation stitches	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Multiple path traceroute	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wake-on-LAN packets	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Feature	GUI Supported	FSR-112D-POE	FSR-124D	FSR-424F-POE	1xxE, 1xxF	200 Series	4xxE	500 Series	6xxF	1024D, 1024E, 1048E, T1024E	2048F	3032E
Save event log in flash memory	—	—	✓	✓	—	✓	✓	✓	—	✓	✓	✓

Notes

1. PoE features are applicable only to the model numbers with a POE or FPOE suffix.
2. The 24-port LAG is applicable to FS-524D, FS-524-FPOE, FS-1024D, and FS-3032D models. The 48-port LAG is applicable to FS-548D, FS-548-FPOE, and FS-1048D models.
3. The per-VLAN MAC learning limit is not supported on the FS-108E, FS-108E-POE, FS-108E-FPOE, FS-108F, FS-108F-POE, FS-108F-FPOE, FS-124E, FS-124E-POE, FS-124E-FPOE, FS-124F, FS-124F-POE, FS-124F-FPOE, FS-448D, FS-448D-POE, FS-448D-FPOE, FS-248E-POE, FS-248E-FPOE, and FS-248D models. The per-trunk MAC learning limit is not supported on the FS-448D, FS-448D-POE, FS-448D-FPOE, FS-248E-POE, FS-248E-FPOE, and FS-248D models.
4. Supported only in 100G mode (clause 91).
5. On the FS-3032E, you can split one port at the full base speed, split one port into four sub-ports of 25-Gbps each (100G QSFP only), or split one port into four sub-ports of 10-Gbps each (40G or 100G QSFP).
6. Supported on the 10G ports on the FS-5xxD models, the 10G and 100G ports on the FS-1024E model, and the 100G ports on the FS-T1024E model. In FortiLink mode, MACsec can be enabled on the inter-switch link (ISL) by the FortiLink secure fabric.
7. The maximum number of access VLANs on the FS-1xxE, FS-108F, FS-108F-POE, and FS-108F-FPOE models is 16; the maximum number of access VLANs on the FS-148F models is 32.
8. PTP is not supported on the FS-248E, FS-248E-POE, FS-248E-FPOE, FS-448D, FS-448D-POE, and FS-448D-FPOE models. The FSR-424F-POE model supports PTP transparent clock with IPv4 addresses only.
9. In managed mode, static routing is supported exclusively for system management and connectivity to Security Fabric connectors.
10. This feature is not supported by the FS-108E, FS-108E-POE, FS-108E-FPOE, FS-108F, FS-108F-POE, FS-108F-FPOE, FS-124E, FS-124F, and FS-224E models.
11. The FS-148F, FS-148F-POE, and FS-148F-FPOE models report the drop rate as 0 or +VE for a positive rate.
12. There are some limitations on LAN segments on the FSR-112D-POE, FS-108E, FS-108E-POE, FS-108E-FPOE, FS-108F, FS-108F-POE, FS-108F-FPOE, FS-124E, FS-124E-POE, FS-124E-FPOE, FS-148E, and FS-148E-POE models. See the *FortiLink Guide (FortiOS 7.4.2)* for details.
13. Partial VLAN mapping is supported by the FS-124F, FS-124F-POE, FS-124F-FPOE, FS-148F, FS-148F-POE, FS-148F-FPOE, and FSR-112D-POE models. See the *FortiSwitchOS Administration Guide* 7.2.0 for details.
14. When the FortiSwitch unit is using `poe-port-power perpetual-fast`, the following BIOS versions are required: 4000014 or higher for FS-108E-POE, FS-108E-FPOE, FS-124E-POE, and FS-124E-FPOE; 4000011 or higher for FS-148E-POE; 4000006 or higher for FS-108F-FPOE; and 4000007 or higher for FS-108F-POE.
15. The FS-1xx models allow you to enable DHCP snooping on a maximum of 25 VLANs.
16. Only the ACL ingress policy is supported in FortiLink mode. The following FortiSwitch models do not support ACL in FortiLink mode: FS-108E, FS-108E-POE, FS-108E-FPOE, FS-108F, FS-108F-POE, FS-108F-FPOE, FS-124E, FS-124E-POE, FS-124E-FPOE, FS-124F, FS-124F-POE, FS-124F-FPOE, FS-148E, FS-148E-POE, FS-148F, FS-148F-POE, FS-148F-FPOE, and FSR-112D-POE.
17. OS image signature verification is not supported on the FS-224D-FPOE and FS-248D models.
18. The FS-1xxE and FS-1xxF models support a single QoS map. If there is more than one QoS map, the first configured map is used.

19. Inter-VLAN routing offload requires an advanced features license.
20. HSR and PRP can also be used with FortiLink. For more details, see the FortiLink Guide.