

	IS2100D 26F8TX (R2)	IS2100D 26F8TX-P (R2)	IS2100D 26F8GT (R2)	IS2100D 26F8GT-P (R2)
Switch Classification				
Layer L2	√	√	√	√
Connectivity				
10/100Base-T (RJ45)	8	-	-	-
10/100Base-T (RJ45) with PoE		8		
10/100/1000Base-T (RJ45)		-	8	-
10/100/1000Base-T (RJ45) with PoE	-	-	-	8
100/1000Base-X (SFP)	2	2	2	2
Performance				
Switch fabric speed	5,6 Gb/s	5,6 Gb/s	20 Gb/s	20 Gb/s
Forwarding Rate	4,2 Mp/s	4,2 Mp/s	14,88 Mp/s	14,88 Mp/s
Packet buffer	0.5MB	0.5MB	0.5MB	0.5MB
Jumbo Frame	10k	10k	10k	10k
MAC address Table shared for unicast and multicast (in 1:1 ratio)	8k	8k	8k	8k
Multicast MAC address Table	500	500	500	500
ACL Table	1408	1408	1408	1408
Number of Vlan Interfaces (IP)	16	16	16	16
CPU clock	400MHz	400MHz	400MHz	400MHz
Flash memory	32MB	32MB	32MB	32MB
RAM memory	128MB	128MB	128MB	128MB
Resilience and availability				
IEEE 802.1D STP/802.1w RSTP/802.1s MSTP	√	√	√	√
IEEE 802.3ad LACP (max trunks / links per trunk)	16/8	16/8	16/8	16/8
Virtual Cable Testing	√	√	√	√
DDM	√	√	√	√
LLDP	√	√	√	√
Loop guard	√	√	√	√
ERPS G.8032	√	√	√	√
Traffic control				
802.1Q VLANs	4k	4k	4k	4k
Super VLAN	√	√	√	√
LACP algorithm of source/destination IP (load balance)	√	√	√	√
GVRP	√	√	√	√
802.1ad Vlan Stacking (QinQ)	√	√	√	√
Selective QinQ	√	√	√	√
Security				
Layer 2 MAC filtering	√	√	√	√
BPDU Tunnel	√	√	√	√
Login authentication and authorization by RADIUS and TACACS+	√	√	√	√
TACACS+ accounting/ auditing	√	√	√	√
SSH v1/v2	√	√	√	√
DHCP/DHCPv6 snooping	√	√	√	√
IP/IPv6 Source Guard	√	√	√	√
Port security	√	√	√	√
Quality of Service				
802.1p Priority Queues per Port	8	8	8	8
802.1p Queuing method	√	√	√	√
Trusted COS/TOS/IP Precedence/DSCP/Port number	√	√	√	√
Broadcast Storm Control	√	√	√	√
Rate Limiting, port based	√	√	√	√
Queuing method – Strict priority	√	√	√	√
Queuing method – Weighted Round Robin	√	√	√	√
Queuing method – Weighted Deficit Round Robin	√	√	√	√

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	IS21000 26F8TX (R2)	IS21000 26F8TX-P (R2)	IS21000 26F86T (R2)	IS21000 26F86T-P (R2)
L2/L3 - Multicast				
Multicast VLAN	✓	✓	✓	✓
IGMP v1,v2, v3	✓	✓	✓	✓
IGMP Query	✓	✓	✓	✓
IGMP Snooping (v1,v2,v3)	✓	✓	✓	✓
IGMP Snooping Fast Leave(v2,v3)	✓	✓	✓	✓
IPv6 MLD v1/v2 Snooping	✓	✓	✓	✓
Manageability				
Console Port	✓	✓	✓	✓
GUI	✓	✓	✓	✓
Management through console, telnet, SNMP	✓	✓	✓	✓
TFTP/FTP	✓	✓	✓	✓
Configuration backup and restore	✓	✓	✓	✓
Multilevel CLI	✓	✓	✓	✓
DNS Client	✓	✓	✓	✓
DHCP Client/Relay/Server	✓	✓	✓	✓
DHCP option 43/60/82	✓	✓	✓	✓
DHCPv6 option 37/38	✓	✓	✓	✓
DHCPv6 Relay/Server	✓	✓	✓	✓
NTP	✓	✓	✓	✓
RSPAN	✓	✓	✓	✓
Cluster	✓	✓	✓	✓
OAM EFM	✓	✓	✓	✓
OAM CFM	✓	✓	✓	✓
Physical				
Dimensions (Width x Height x Depth)	165mm x 60mm x 140mm	165mm x 60mm x 140mm	165mm x 60mm x 140mm	165mm x 60mm x 140mm
Operating Temperature	-40°C~85°C	-40°C~85°C	-40°C~85°C	-40°C~85°C
Working humidity	10% - 95% (non-condensing)	10% - 95% (non-condensing)	10% - 95% (non-condensing)	10% - 95% (non-condensing)
IP Protection Class	IP40	IP40	IP40	IP40
Electrical				
PoE Standard (IEEE 802.3at)	-	✓	-	✓
PoE Power budget	-	240W	-	240W
Power Supply	48V DC	(50~57)V DC	48V DC	(50~57)V DC
Power Consumption	10W	250W	10W	250W