

**SMC8848M and SMC8824M Release Notes**  
**Firmware Version v2.4.4.8**

**FIRMWARE SPECIFICATION:**

Status	Version No.	Type	Release Date
Dispossed Version	2.1.0.3	Release	2007/08/27
Previous Version	2.1.0.5	Release	2007/09/13
Dispossed Version	2.2.0.1	New OSPF feature	2007/11/12
Patch Version	2.2.0.8	Patch Release	2008/03/28
Patch Version	2.2.0.11	Patch release	2008/06/05
Patch Version	2.2.0.12	Patch release	2008/06/25
Patch Version	2.2.0.16	Patch Release	2008/10/24
Patch Version	2.2.0.18	Patch Release	2008/11/28
Phase 3 Current Version	2.3.0.0	NTC Test	2009/2/6
Phase 4 Previously Version	2.4.0.1	Previously Release	2009/4/27
Patch Version	2.4.4.7	Patch Release	2009/12/17
Patch Version	2.4.4.8	Patch Release	2009/12/28

**SUPPORTED FUNCTIONALITY:**

Hardware Feature List		
Product Configuration		24GT+4ComboG+2XG / 48GT+4ComboG+2XG
L2 MAC Table		8K
L3 IPv4 Host Table		2k
L3 IPv4 Net Table		256 entries
Standalone/Stackable		Stackable
FP Field Selector		8 selectors
FP Rules		1k
Integrated Packet Buffer Memory		0.75MB / 1.5M
Number of Units in the stack		4
PoE Module		No

**MODIFICATIONS:**

**V2.1.0.1**

1. IGMP Immediate Leave	YES
2. IGMPV3 Snooping	YES
3. QinQ	YES
4. LLDP	YES

**V2.1.0.2**

1. Support 4k vlans
2. Fix ARP timeout will cause interface cannot send/receive problem.

**V2.1.0.3**

1. Update CLI runcfg will generate abnormal “no rmon alert” commands when stacking issue.

**V2.1.0.5**

N/A

**V2.2.0.1**

1. Add OSPF supported.

**V2.2.0.9**

1. Add VRRP supported.

**V2.2.0.18**

1. ISC goes through Q5.

**V2.4.0.1**

1. Add showing temperature on UI.

**V2.4.1.0**

1. Support SMC10BTMOD

**V2.4.3.0**

1. [Enhancement] Increase username and password length to 32

**V2.4.4.7**

1. Fix SMC ARP table cache issue
2. BPDU will flood per vlan while global spanning disable.
3. Support force high speed control on the fan control.
4. Support displaying temperature.

**V2.4.4.8**

1. support auto edge and default enable

## KNOWN RESTRICTIONS AND LIMITATIONS:

1. When configuring IPv6 EXT QoS and RATE-LIMIT at same time, the RATE-LIMIT will be not work.
2. QinQ will not support with IGMP snooping at same time.
4. Due to this ASIC do not support "Per port Enable/Disable QinQ", when issue command "No switchport mode" , the port will actually still remain as "Access mode".
5. Due to CPU performance, when create maximum vlan number to 4093 vlans, loading/reading configuration file will take more time as usual.
6. As 5. When join all ports with all vlans at the same time, the command will take even more time to complete the job.
7. The MAC addresses learnt at removed units will be either automatically aged out or re-learnt at existed unit ports.
8. Over stacking port monitor will cause receive.
9. Private RIP MIB will not shown when RIP is disabled.
10. Configuration of RIP will be lost when RIP is disabled.