Smart Function

```
DIP  1   2   3   4   5   6   7   8   9   10   ↓
                                            ON
```
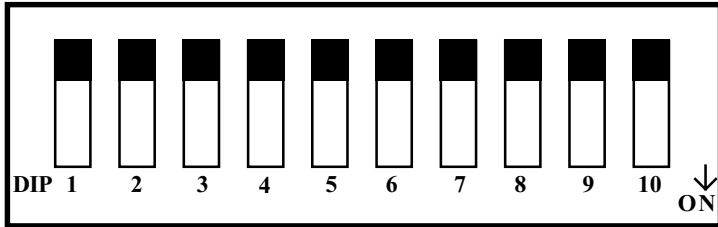
```
0    OFF:0

1    ON:1
```

DIP 1: **Enable Port Based VLAN configuration function:**

    1: Enable the VLAN function on each port.

    0: Disable the VLAN function on each 16 ports. (default)

DIP 2: **VLAN topology type selection:**

    1:Select 15 VALNs (port#1~11,13~16) with 1 overlapping port
(port#12) topology.

    Ext. Port#1,12 as one group, Port#2,12 as one group...….

    0:Select 14 VLANs(port#1~3,5~11,13~16)with 2 overlapping ports
(port#4,12)topology.(default)

    Ext. Port#1,4,12 as one group, Port#2,4,12 as one group...….

DIP 3: **Enable Port Trunk 0:**

    1: Enable port trunk 0 which consists of ports 5,6,13,14

    0: Disable port trunk 0

DIP 4: **Enable Port Trunk 1:**

    1: Enable port trunk 1 which consists of ports 7,8,15,16

    0: Disable port trunk 1

DIP 5: **Enable Port Trunk 2:**

    1: Enable port trunk 2 which consists of ports 1,2,9,10

    0: Disable port trunk 2

DIP 6: **Enable Port Trunk 3:**

    1: Enable port trunk 3 which consists of ports 3,4,11,12

    0: Disable port trunk 3

DIP 7/8: **Enable Port based priority QoS function:**

    00: Disable port based priority. (default)

    01: Set port 5,13 as high priority ports.

    10: Set port 5,6,13,14 as high priority ports.

    11: Set port 5~8,13~16 as high priority ports.

DIP 9: **Enable 802.1p VLAN Tag priority based QoS function:**

    1: Enabled

    0: Disabled (default)

DIP 10: **Enable TCP/IP TOS/DS (DiffServ) based QoS function:**

    1: Enabled

    High Priority: if pattern bits TOS/DS[0:5] =(EF) "101110";(AF)

    "001010", "010010","011010", "100010";(Network Control)

    "11x000";Low Priority: if TOS/DS = other codepoint values.

    0: Disabled (default)(DS = Differentiated Service)

Note:1. If any physical port of a trunk group has a link down,
      a fault condition has happened on this trunk group.

    2. After you change the status of any DIP, you have to restart
      the switch again.