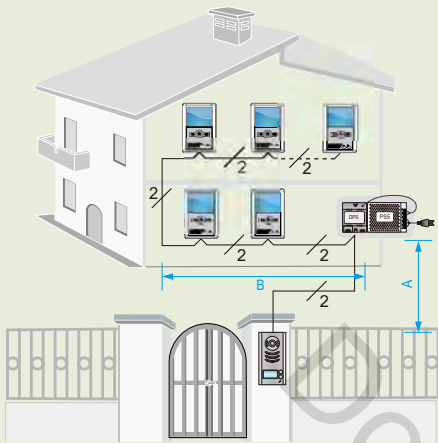


Villa application

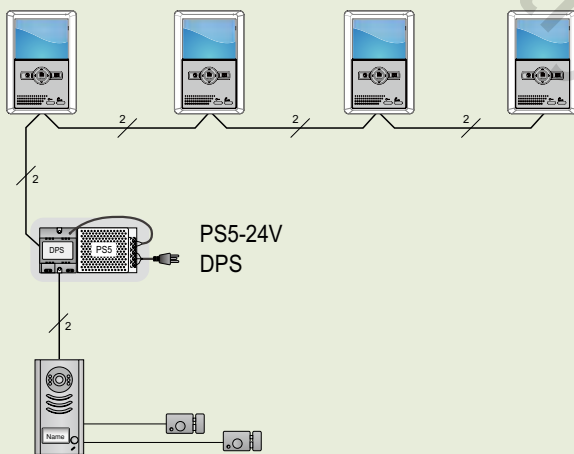


Cable and Distance

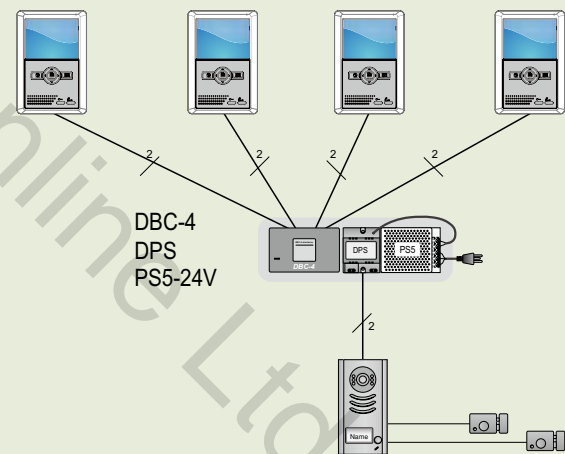
Cable	A(m)	B(m) ≤2 DT25	B(m) ≤16 DT25
CAT5 Cable (Combined)	40	80	—
Pair Cable (Parallel) 2X0.75 mm ²	30	50	—
Twisted Cable 2X0.75 mm ²	60	100	40
Twisted Cable 2X1.0 mm ²	80	120	60

Extending Monitors (up to 16)

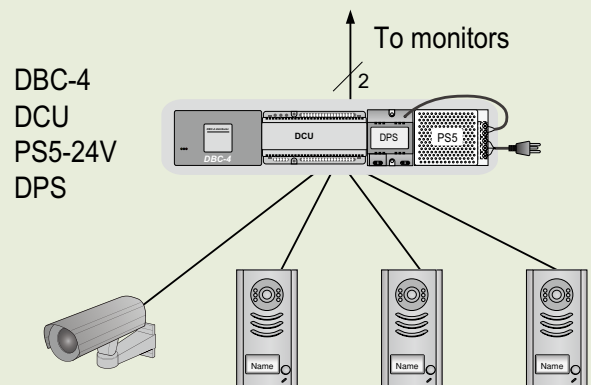
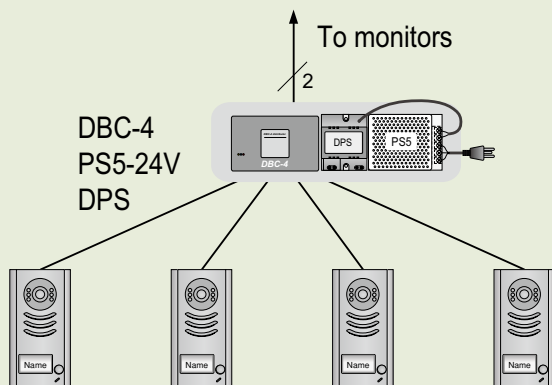
In-Out topology:



Star topology:



Extending Door/CCTV Cameras



1. Introductions

Door Station is a unit installed on the entrance of a building, which used to call a user in an apartment, and control the electronic lock opening.

This is a guide for quick installation. for more detail instructions, please refer to the DT system technical guide.

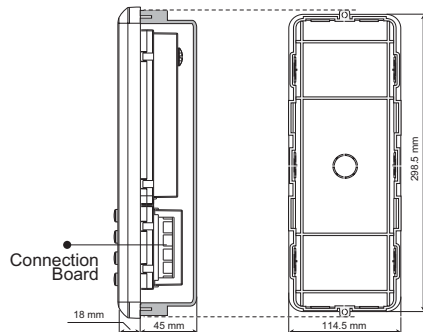
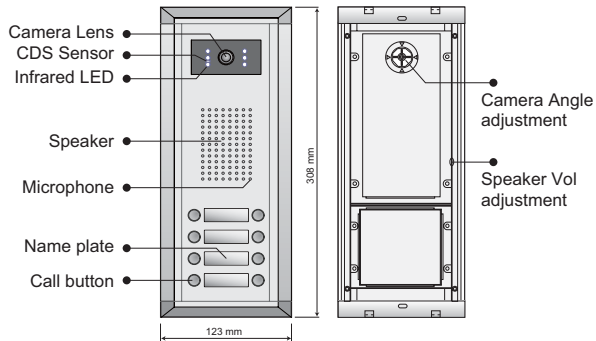
To call the user, press a button with a associated nameplate of the user; then the user will press the Unlock button on the monitor to open the door for the visitor if she/he is accepted.

A ID card can be use to open the door.(Only for DMR11/ID series Door Station). For detail ID card operation, please refer to DT system technical guide.

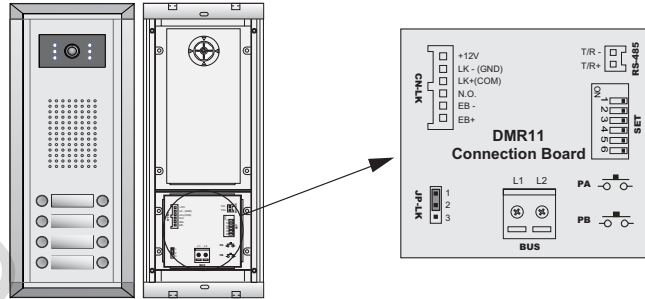
A exit button can be connect to the Door Station directly.

The Camera angle can be adjusted to coordinate the install position of the Door Station

2. Parts and functions



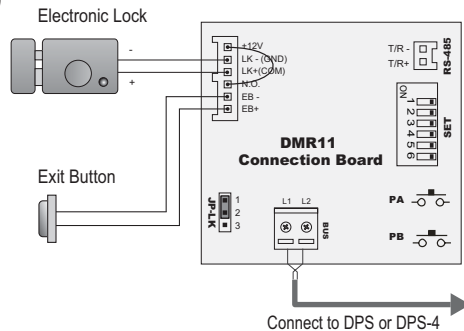
3. Terminals



- **+12V:** 12VDC power output.
- **LK-(GND):** power ground.
- **LK+(COM):** electrical load activation relay contact common.
- **NO.:** electrical load activation relay normally open contact(refer to DT technical guide for Lock connection detail informations).
- **EB+:** Exit button.
- **EB-:** Exit buton.
- **JP-LK:** For electronic lock safety type setting(refer to Door Station Lock Connections).
- **T/R-:** USB-RS485 communication terminal negative.
- **T/R+:** USB-RS485 communication terminal positive.
- **SET:** DIP switches for system configurations.
- **PA:** program button A(refer to program section).
- **PB:** program button B.(refer to program section).
- **Bus(L1,L2):** non-polarised bus line.

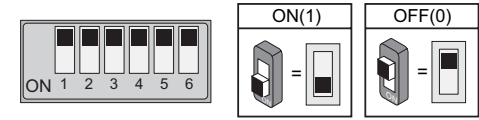
4. Connections

This example is one door station wiring, note that the lock used here is a 12Vdc 300mA power-to-unlock type. (please refer to DT technical guide for Lock connection detail informations)



5. DIP Switches settings

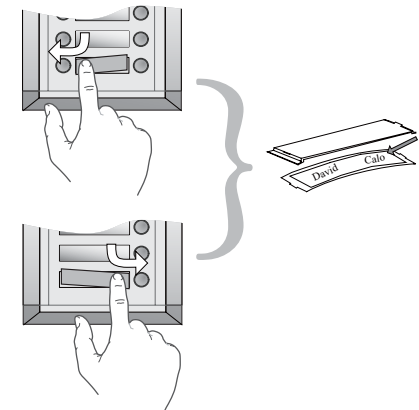
Total 6 bits in the DIP switches can be configured. The switches can be modified either before or after installation, but restart the power supply is needed whenever the switches have been modified.



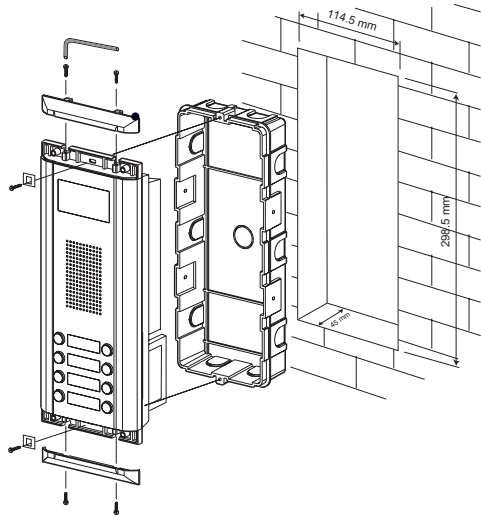
- Bit-1 and Bit 2 is for door station ID settings, when mutli door stations are installed in the system, these two bit must be set correctly, the first door station set to 00, the second one set to 01, the third one set to 10, the fourth one set to 11. If only one door station is installed, set to 00.
- Bit-3: Single line button door station or double line button door station selection. If the door station is a double line button, for examlpe, the DMR11-D8, set this bit to 0, set to 1 for single line button door stations.
- Bit-4: Button code selection; if use the default codes for each button of the door station, set to 0, if use the programmed codes, set to 1.(the code for each button can be program by the DT CONFIG software, see the program section in this manual)
- Bit-5: Unlocking time quick selection, by default it is set to 0, for 1 second unlocking time; set to 1 for 5 seconds.
- Bit-6: Debug state enter; set to activate the debug state.

6. Place Name Plate

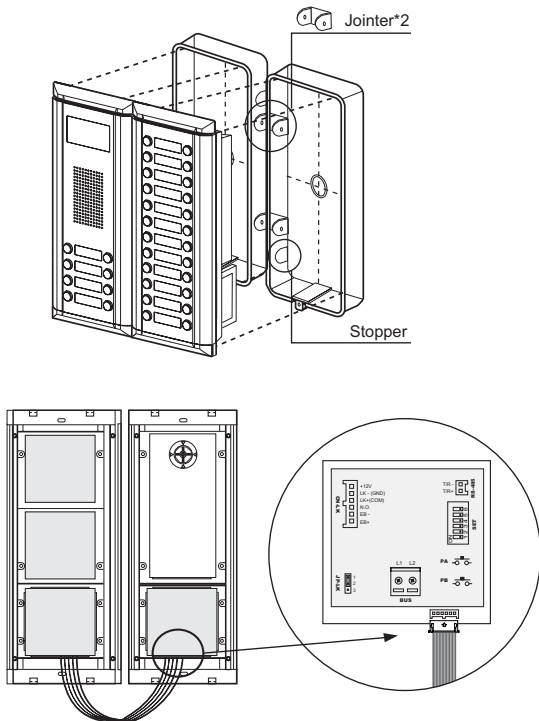
Press down and shift right/left to open the tracsparent nameplate cover, then insert the name paper, then put the plate cover back to the panel. Note thar double button line panel can be opened both direction, single button line Can only be opened at right side.



7. Standard Installation



8. Installation with expanding panel

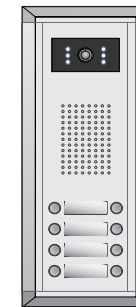


VT 2-wire System

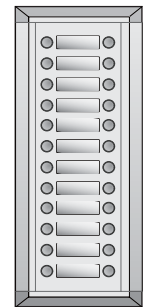
DMR11 Door Station Quick Installation Guide



DMR11/ID/S4



DMR11/D8



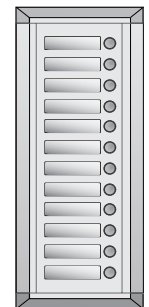
EP11/D24



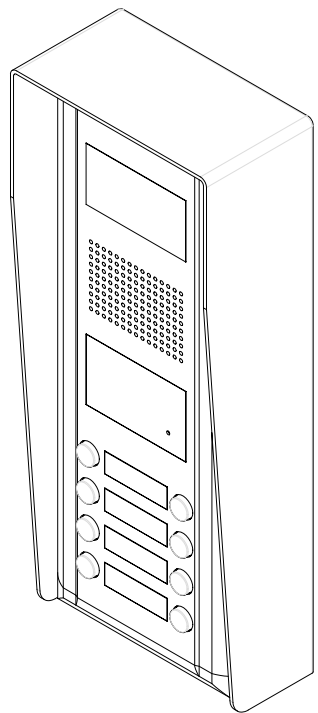
DMR11/ID/D8



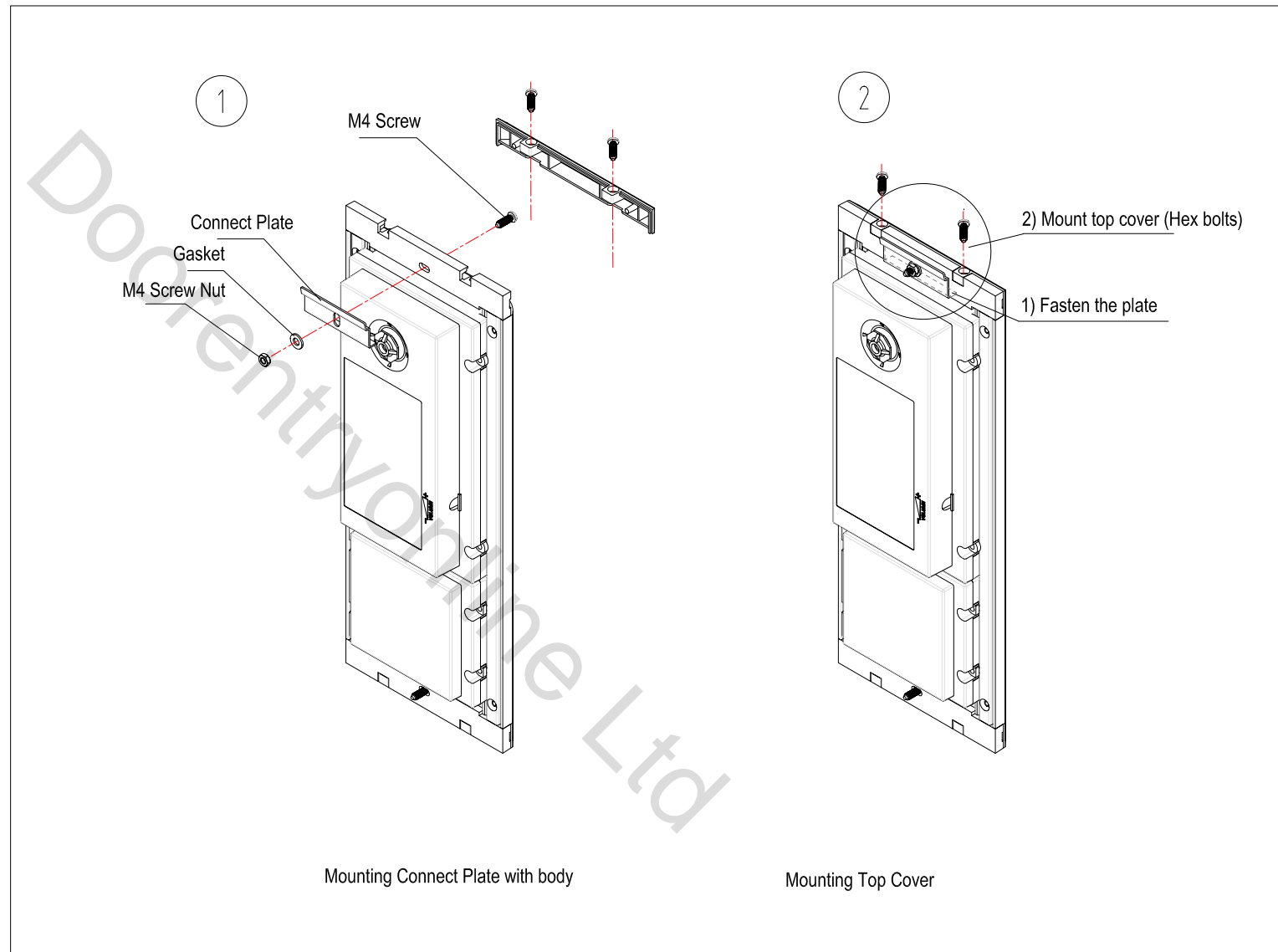
DMR11/S4



EP11/S12



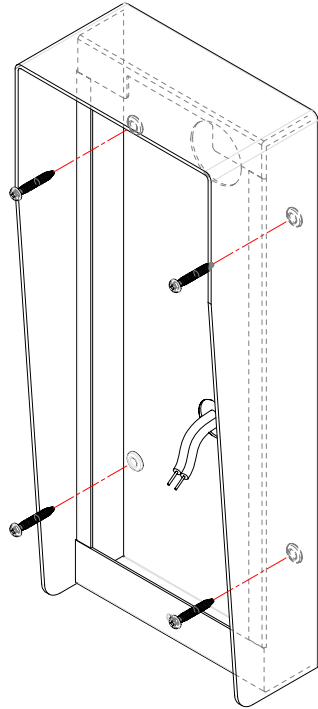
Mounting MR11 with Rainy Hood



Mounting Connect Plate with body

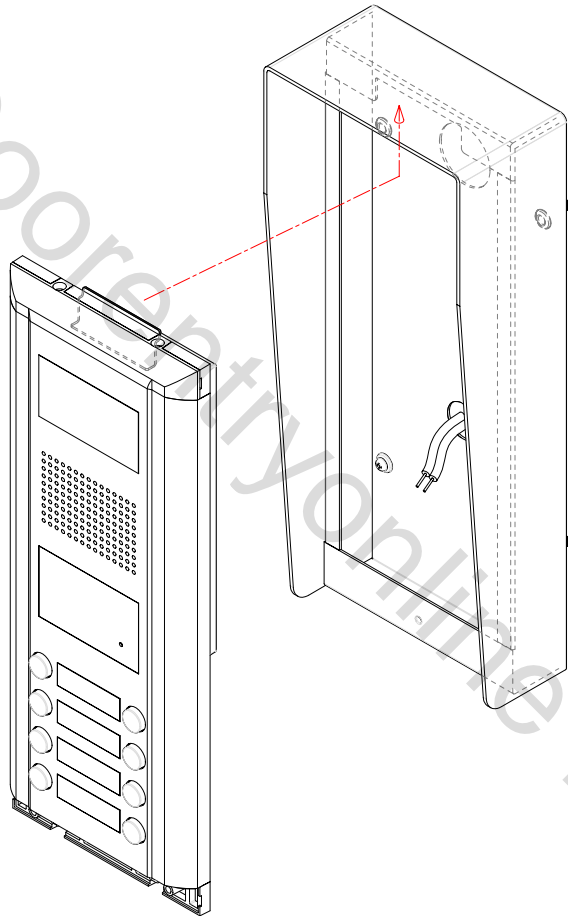
Mounting Top Cover

1



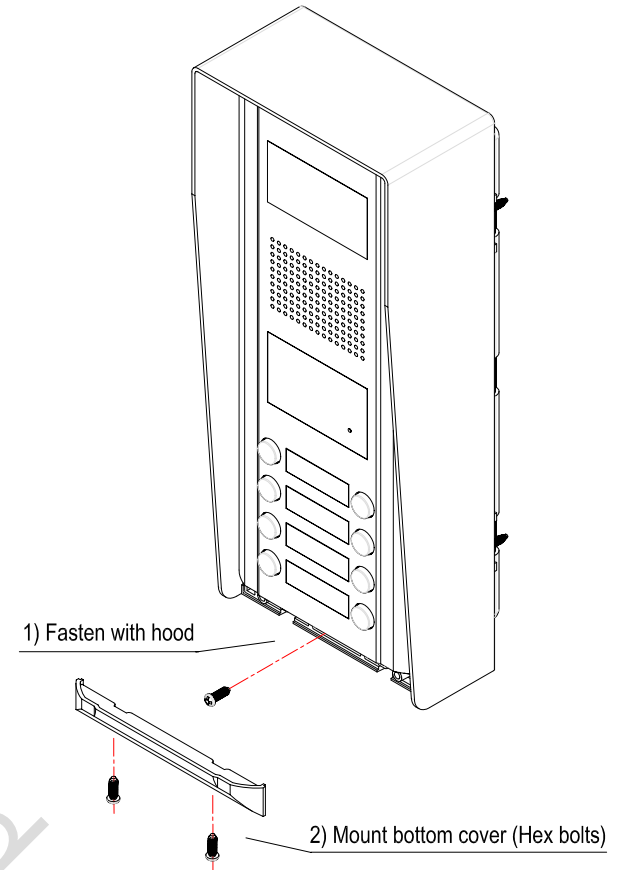
Step: Mounting MR11 Rainy Hood on wall surface

2



Step: Install Door Station with the Rainy Hood
Make sure connecting plate links with the hood

3



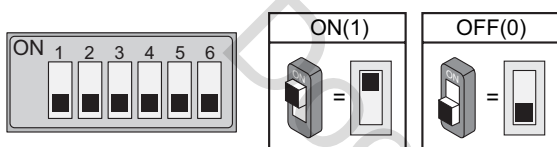
Step: Fasten bottom mounting screw,
and finally fasten the bottom cover at the end

User Code Setup

In the VT system, every apartment must have a unique identification called User Code. The DIP switches are used to configure the User Code for each Monitor.

- Bit-1 to Bit-5 are used to User Code setting. The value is from 1 to 32, which have 32 different codes for 32 apartments.
- When multi Monitors are installed in one apartment, these Monitors have to use the same User Code setting, and the Master/Slave mode should be set on the Monitor.
- Bit-6 is line terminal switch, which have to be set to ON if the Monitor is in the end of the line(bus), otherwise set to OFF. The end of the line is terminal that no other section will start from it.

Bit-6 line terminal setting:



Bit state	Setting	Bit state	Setting
	Monitor not at the end of the line.		Monitor at the end of the line.

Bit state	User Code	Bit state	User Code	Bit state	User Code
	Code=1		Code=12		Code=23
	Code=2		Code=13		Code=24
	Code=3		Code=14		Code=25
	Code=4		Code=15		Code=26
	Code=5		Code=16		Code=27
	Code=6		Code=17		Code=28
	Code=7		Code=18		Code=29
	Code=8		Code=19		Code=30
	Code=9		Code=20		Code=31
	Code=10		Code=21		Code=32
	Code=11		Code=22		