Tiway
INTELLIGENT BONDS

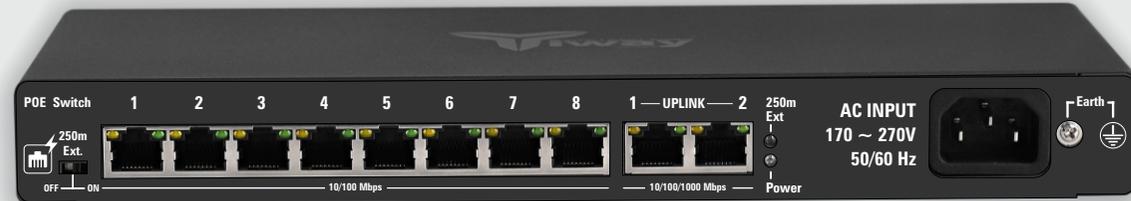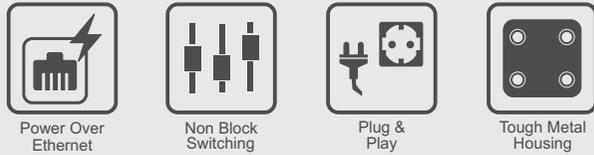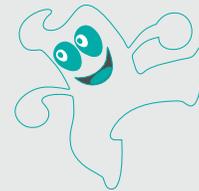# Next Generation PoE Switches
High Performance Trouble Free Switches (Enterprise Use)

Extended Range up to 250 meters..

6KV Protection

Power Over Ethernet

Non Block Switching

Plug & Play

Tough Metal Housing

POE Switch | 1 2 3 4 5 6 7 8 | 1 — UPLINK — 2
250m Ext. OFF ON
10/100 Mbps
10/100/1000 Mbps
250m Ext
Power
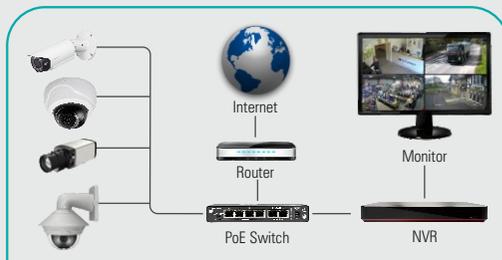AC INPUT
170 ~ 270V
50/60 Hz
Earth

Model Number :- TW - 0802

Stable and Reliable Performance

- Fan less and security slot design
- 6KV lighting protection and standard ESD design
- Flat pin design for stable power and data transmission
- Screw less structure waist - type heat dissipation holes
- Easy deployment and maintenance free, Safe & Easy wiring
- Auto Negotiation of the speed and duplex while uplink takes care of MDI / MDI - X

Dual - Uplink

PoE Switch
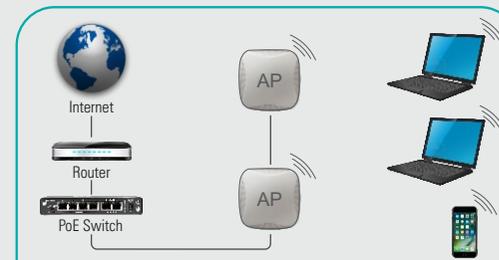250m Ext OFF ON
1 2 3 4 5 6 7 8
10/100 Mbps
1 — UPLINK — 2
10/100/1000 Mbps
250m Ext Power
AC INPUT
170 ~ 270V
50/60 Hz
Earth

One Key CCTV / VLAN Mode

Internet
Router
Monitor
PoE Switch
NVR

Extended Data & Power Transmission up to 250 Meters for IP cameras

Public Address System

PoE Switch

Noise free (humming less) smooth transmission

Access Points

Internet
Router
PoE Switch
AP
AP

Support Various Access Points

IP Phone

Internet
Router
PoE Switch

Standard 15.4W each port for IP Phone

Power Over Ethernet Switch

6KV Protection

Dual - Uplink

Features

- Designed for smooth operation, Plug and Play no settings required.
- Protection : Thunder Lightning -, anti static and anti - interference ability up to **6KV.**
- 2 Ports X 1000 Mbps uplink Ethernet port (Extra Port to connect Internet / Existing Network)
- 8 Ports X 100 Mbps downlink POE (Power over Ethernet) every port supports MDI / MDX.
- Standard : Meet IEEE802.3 , IEEE802.3u , IEEE802.3 af/ at standards, Support MID - Span & END - Span Devices.
- One Key CCTV / VLAN mode (All Downlink Ports can communicate with uplink ports only , it makes system more secure).
- Transmission Distance : Ethernet 0 ~ 100m ; the furthest transmission distance can be reach 250 Meters in CCTV & VLAN mode uplink port can reach 100m.
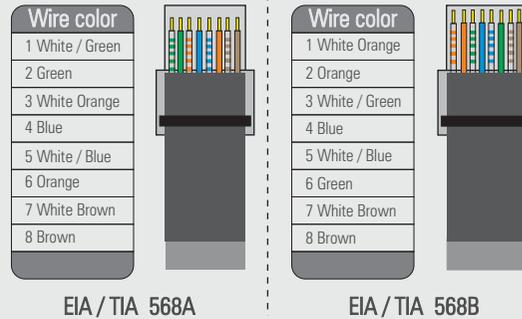
Technical Specifications

Model Number :- TW - 0802

Model Number		TW - 0802	
Power	Power Supply	Built in Power Supply	
	Voltage Range / consumption	DC48V ~ 54V / < 5W	
	Max PoE power	112 W	
Ethernet	Speed	1 - 8 Port Default : 10 / 100 Mbps	
		CCTV : 10 Mbps (CCTV Mode)	
		UPLINK : 10 / 100 / 1000 Mbps	
	Transmission Distance	1- 8 Port Default : 0 ~ 100 Meters	
		1- 8 Port Default : 0 ~ 250 Meters CCTV Mode	
		UPLINK : 100 Meters	
Network Switch	Ethernet Standards	IEEE802.3 - 2.3u , IEE802.3 af/at	
	Exchange Capacity	20 Gbps	
	Packet forward Rate	0.74Mbps	
	Packet Buffer	768K	
	MAC	4 K	
Indicators	Power Light	1 pc (Green)	
	Ethernet Port Light	2 pcs (Yellow & Green) on RJ45 yellow indicates PoE green indicates link Active	
	Surveillance Mode Light	1 pcs (Red) ON indicates CCTV mode	
Protection Level	Pluse Group	Level 3 Standard: IEC61000 - 4 -4	
	ESD	1a Contact Discharge Level 3 1b Air Discharge Level 3 Standard : IEC61000 - 4 - 2	
	Anti Thunder Level	6 KV Standard : IEC61000 - 4 - 5	
Working Environment	Working Temperature	- 10 Degrees C ~ 55 Degrees C	
	Storage Temperature	- 40 Degrees C ~ 85 Degrees C	
	Humidity (Non - condensing)	0 ~ 95 %	
Mechanical	Dimension (L x W x H)	282 x 120mm x 32mm	
	Shell (Casing)	Galvanized Sheet	
	Color	Dark Grey	
	Weight	0.231Kg (only PoE device)	

Technical specifications are subject to change without prior notice for quality improvement.

⚠ **Notice** The Transmission distance to the connected cable , our suggestion use standard Cat 5e/ 6 network cable , so that the transmission distance can be up to the max .

Plug Crimping Method

Default Mode / CCTV Mode

Wire color (EIA / TIA 568A)

1	White / Green
2	Green
3	White Orange
4	Blue
5	White / Blue
6	Orange
7	White Brown
8	Brown

Wire color (EIA / TIA 568B)

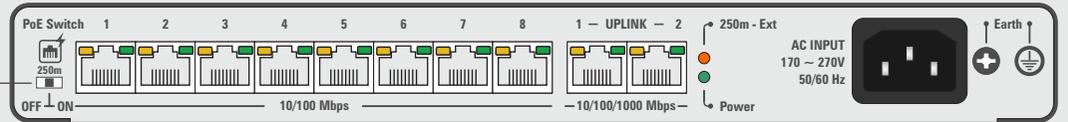|	
1	White Orange
2	Orange
3	White / Green
4	Blue
5	White / Blue
6	Green
7	White Brown
8	Brown

EIA / TIA 568A

EIA / TIA 568B

Package contains

Please check the following items before installation, if any of the things missing mention below please contact your Supplier.

- 8 Ports PoE Switch
- AC Power cable
- Accessories
- User Manual

Over View

PoE downlink Ethernet Port

Ethernet Uplink Port

AC Power Input

Ground

282mm

32mm

120mm

Dimensions :- mm

228mm

41mm

292mm

Gross Weight = 1.074Kg.