



*4 CHANNEL PASSIVE BALUNS
UTP AUTO RECEIVER WITH AUTO VIDEO LEVEL CONTROL*

SC-TP0404
SC-UR0412A

User's Manual

SC-TP0404



SC-UR0412A



Precaution and Safety Guidelines

Please read this user's manual thoroughly prior to use the unit for its easy and convenient use.

- Do not install the product in the following places: extremely low or high temperature conditions; places exposed to rain, snow, or high humidity; places containing or exposed to oil and gas; places exposed to vibration and shock; places under direct sunlight or exposed to outdoor weather conditions; places exposed to radio waves (RF) or near to power lines. It may cause low performance or malfunction of the unit.
- Do not disassemble the product or insert foreign objects.
- The unit is subject to electric shock hazard. Be careful not to get an electric shock while using the device.
- Do not use and/or connect any devices inappropriate to the unit. It may cause malfunction of the unit or fire hazard.
- Use this product under temperature conditions only between 0°C and +50°C.
- Should be careful not to have the lines changed when connecting them.
- Prior to turn on the device, check the cable insulation condition of the data cable, connected with external devices.
- Before installing the product, check its voltage rate and then turn on the power.
- Make sure to turn off the product prior to installation.
- Do not subject the product to physical shock or exert excessive force to operate the product.
- Do not use the device when any smoke or smell is produced from the unit. It may be subject to fire or electric shock. If any smoke or smell is produced, please turn off the unit and remove the power cable immediately, and contact your distributor to check the device properly.
- If the power does not turn ON, please check whether the power cable is connected correctly or not.
- If the device does not work properly, please contact your distributor.

1. Introduction

1.1. SC-TP0404

The SC-TP0404 is a 4 ch passive transmitter. Together with active UTP receiver, it can transmit up to 1.2 km via CAT.5 UTP cable. As it is compatible with various applications, it can be linked with any type of analog camera or DVR.

Features

- 4 CH passive balun
- Video transmission up to 1.2km with active receiver
- Excellent interference immunity
- Low infrastructure costs with easy maintenance

1.2. SC-UR0412A

The SC-UR0412A is a video signal receiver via UTP cable with 4 channels and adjusts the video signals automatically. It receives 4 video signals through UTP cables, and then it converts these signals into 4 CVBS video signal and transmits them to the external devices such as DVR. Using this device, you don't need to adjust the transmission distance since it automatically adjusts the distance.

Features

- 4 ch Active type of UTP receiver
- Automatic operation for the best video performance, no need to adjust the sync & burst signals manually
- Receiving 4 video signals via UTP cable and then converting them into CVBS video signals
- Long video transmission distance: up to 1.2km in color over CAT.5 UTP cable with passive baluns
- Surge protection built-in

2. Components

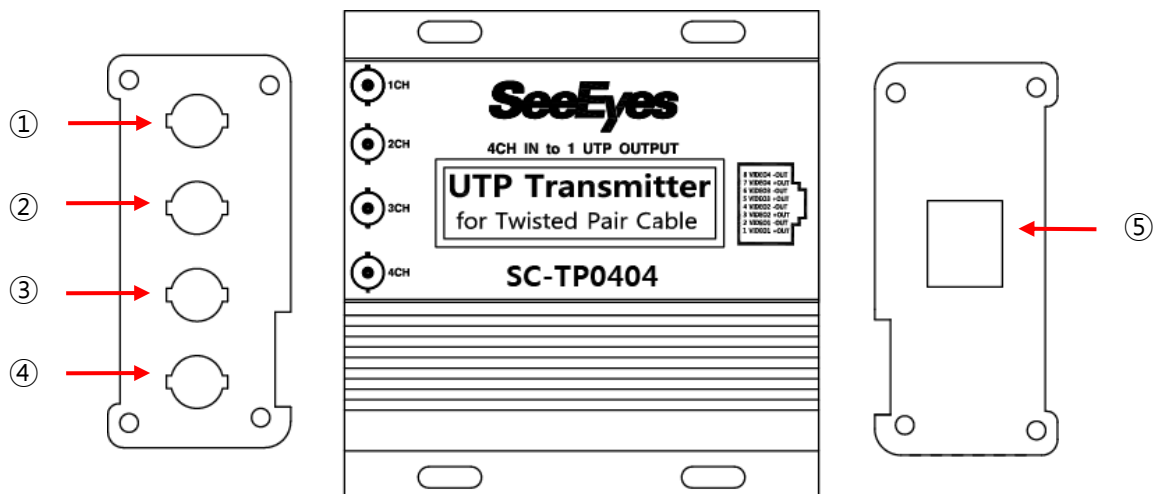
Please find the following items in the package.

MODEL	Product	Power Adapter	User's Manual
SC-TP0404		X	
SC-UR0412A			

3. Products Parts and Connection Diagram

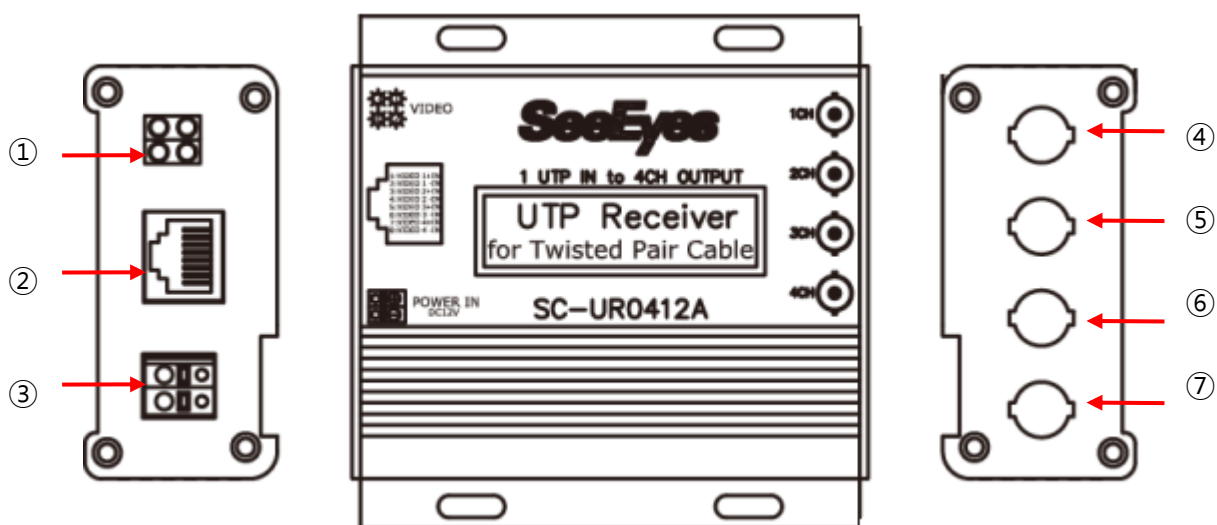
3.1. Products Parts and Function

3.1.1. SC-TP0404



- ① ~ ④ BNC: Video input port from 1~4 channel
 ⑤ RJ-45 Jack: Video output port

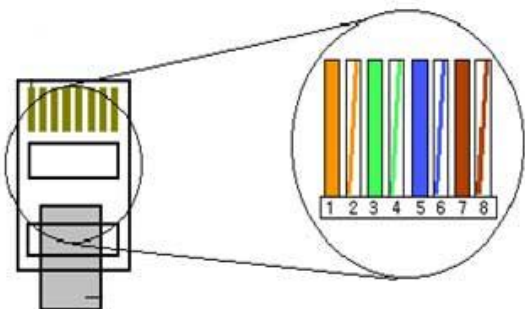
3.1.2. SC-UR0412A



- ① Video LED: It indicates the video connection of each channel.
 - Green LED On: Video connected
 - Green LED Flickering: Video not connected
 ② RJ-45 Jack: Video input port
 ③ Power In: 12VDC adapter input port
 ④~⑦ BNC: Video output port from 1~4 channel

3.2. How to connect the UTP cable

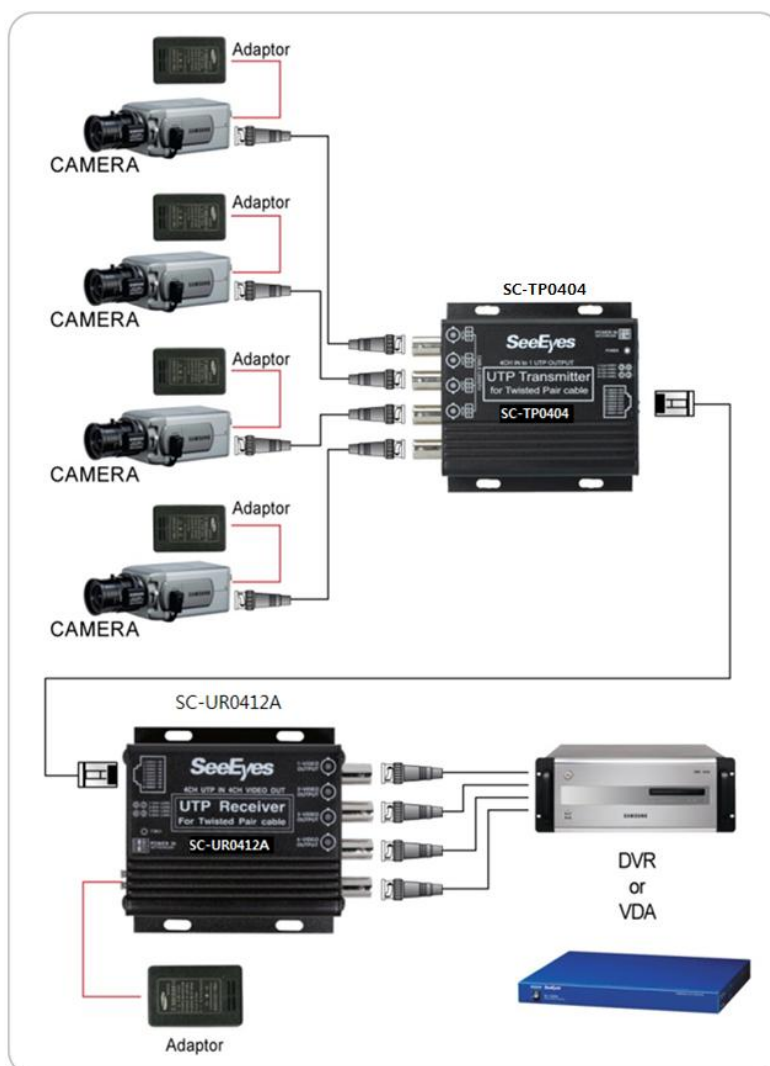
Please connect the UTP cable according to the below table.



No.	Color	Function
1	Orange	1 CH VIDEO +
2	Orange + White	1 CH VIDEO -
3	Green	2 CH VIDEO +
4	Green + White	2 CH VIDEO -
5	Blue	3 CH VIDEO +
6	Blue + White	3 CH VIDEO -
7	Brown	4 CH VIDEO +
8	Brown + White	4 CH VIDEO -

4. Connection Diagram

Please refer to the left connection diagram when connecting the SC-UR0412A with SC-TP0404 as transmitter.



5. Specification

MODEL		SC-TP0404
Video In / Out		CVBS 1.0Vp-p
Video In / Out		Balanced Differential Signal
Bandwidth		6MHz
Max. Transmission Distance (CAT. 5)		Video: 1,200m with SC-UR0412A
Connect Port	Video In	BNC- F x 4
	Video Out	RJ-45 x 1
Temperature / Humidity		-10°C ~ +50°C / 0 ~ 80%
Case Body / Weight		Aluminum / 230g
Dimension		93(W) x 92.5(H) x 35(D)mm

MODEL		SC-UR0412A
Video In		51Ω, 1~2.5Vp-p
Video Out		CVBS 1.0Vp-p, 75Ω Term
POWER INPUT		DC 12V
Video Level Control		Auto Adjustment
Max. Transmission Distance (CAT. 5)		Video: 1,200m with passive balun
Connect Port	Video In	RJ-45 x 1
	Video Out	BNC- F x 4
Temperature / Humidity		-10°C ~ +50°C / 0 ~ 80%
Case Body / Weight		Aluminum / 210g
Dimension		93(W) x 92.5(H) x 35(D)mm

6. Warranty Certificate

This product has passed thorough quality control and test, and if this gets broken during normal use, we provide 12 months warranty service.

Model No.		
Serial No.		
Distributor		
Date you purchased		
Place you purchased		
Warranty Period		One (1) year from the date of purchase
Purchaser	Name	
	Address	

- Please check this warranty indication first.
- Please contact your distributor after checking out any defect in the products.
- The standard for repairing, replacement or reimbursement follows Customer.
- Warranty content any defect under normal use within the warranty service period we give you free repair service according to the warranty certificate.
- We charge you with the fee of parts and service despite of free warranty service period. Any breakage made without care such as:
 - Breakage or trouble made by natural disaster.
 - Breakage or trouble made by breaking the product guide or manual.
 - Breakage or trouble made by wrong power voltage or frequency.
 - When you want to reassemble for full system or replace parts within warranty service period.
 - When unauthorized person modified or made damage on the product trying to repair it.
- Please note that we don't support the breakage after warranty service period is expired. If the customer wants to get it repaired, we charge them with the fee.
- The specification is subject to change without prior notice for quality improvement.

 **SeeEyes Co.,Ltd** is the New Corporate Name of Samsung CCTV Service Co.,Ltd

SeeEyes[®]

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