

# TWISTED PAIR TRANSMISSION SYSTEM - Passive Series

**ITEM NO.:** AT-VBNC400SR, AT-AV400U

**Features:**

- Transmit a full motion monochrome video signal up to 600 meters, color video signal up to 400 meters.
- Passive, No power required.
- Eliminate Coaxial Cable.

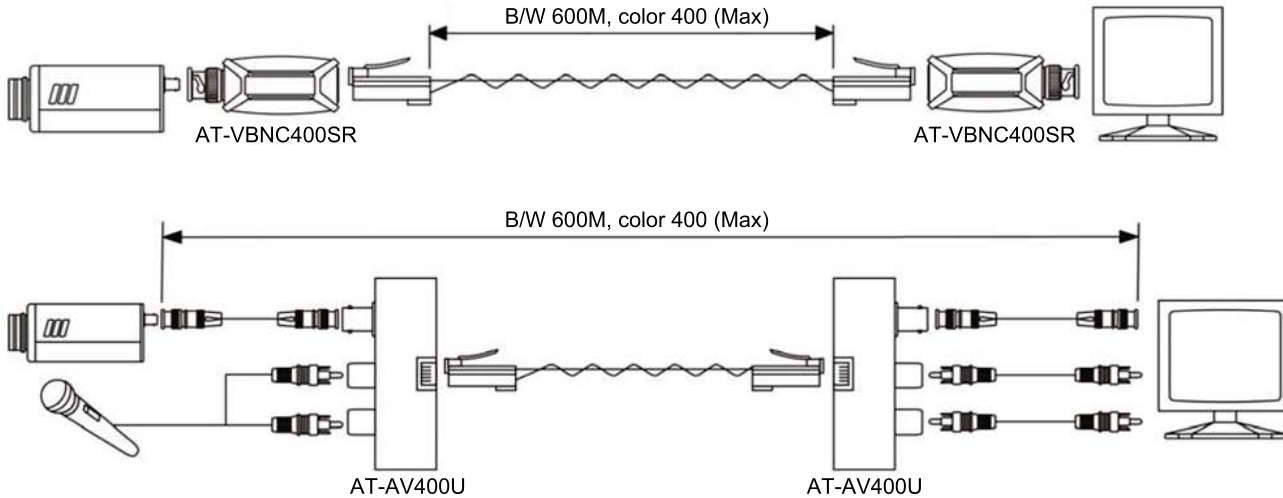
**FCC**

**CE**

**C-TICK**

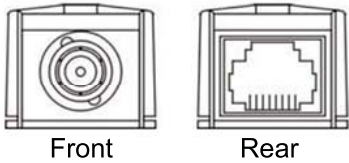


**Installation View:**



**Panel View:**

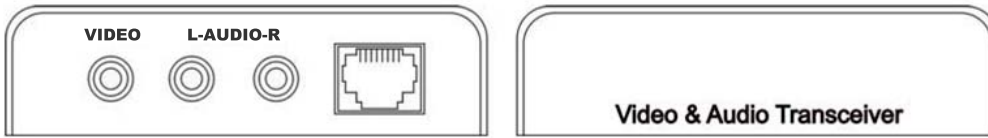
AT-VBNC400SR



Front

Rear

AT-AV400U



Front View

Rear View

**RJ-45 Jack Pin Define**

RJ - 45 Jack	
PIN	Color Function
1	W-O S2
2	O S1
3	W-G Audio +
4	BL A1
5	W-BL A2
6	G Audio -
7	W-BR Video +
8	BR Video -

NOTE : These devices is reversible, BNC connector = RJ45  
 PAIR2 & PAIR3 : POWER → POWER+ : PIN 6, PIN 4, POWER- : PIN 3, PIN 5  
 PAIR4 : VIDEO



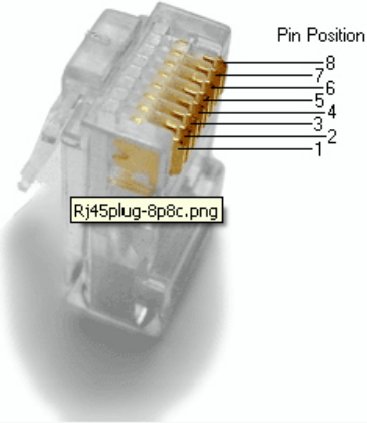














## Specification:

ITEM NO.	AT-VBNC400SR	
VIDEO INPUT (BNC)	1	
VIDEO INPUT	1V p-p, 75 Ohms	
AUDIO INPUT (BNC CONNECTOR)	X	
AUDIO INPUT	X	
RJ-45 INPUT	X	
RJ-45 OUTBUT	1	
TRANSMISSION DISTANCE	600M (B/W), 400M (COLOR)	
CABLE FOR RJ-45	Twisted Pair CAT 5 (AWG24)	
POWER	X	
DIMENSIONS WxHxDmm	69x25x22	

ITEM NO.	AT-AV400U	
VIDEO INPUT (RCA)	1	
VIDEO INPUT	1V p-p, 75 Ohms	
AUDIO INPUT (RCA CONNECTOR)	2 WAY	
AUDIO INPUT	2V p-p	
RJ-45 INPUT	X	
RJ-45 OUTBUT	1	
TRANSMISSION DISTANCE	600M (B/W), 400M (COLOR)	
CABLE FOR RJ-45	Twisted Pair CAT 5 (AWG24)	
POWER	X	
DIMENSIONS WxHxDmm	110x77x24	

### T568A and T568B Wiring

### T568B RECOMMENDED FOR ALL SOLUTIONS

Pin	T568A Pair	T568B Pair	Wire	T568A Color	T568B Color	Pins on plug face (socket is reversed)
1	3	2	tip	 white/green stripe	 white/orange stripe	 <p>Pin Position</p> <p>8 7 6 5 4 3 2 1</p> <p>Rj45plug-8p8c.png</p>
2	3	2	ring	 green solid	 orange solid	
3	2	3	tip	 white/orange stripe	 white/green stripe	
4	1	1	ring	 blue solid	 blue solid	
5	1	1	tip	 white/blue stripe	 white/blue stripe	
6	2	3	ring	 orange solid	 green solid	
7	4	4	tip	 white/brown stripe	 white/brown stripe	
8	4	4	ring	 brown solid	 brown solid	



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