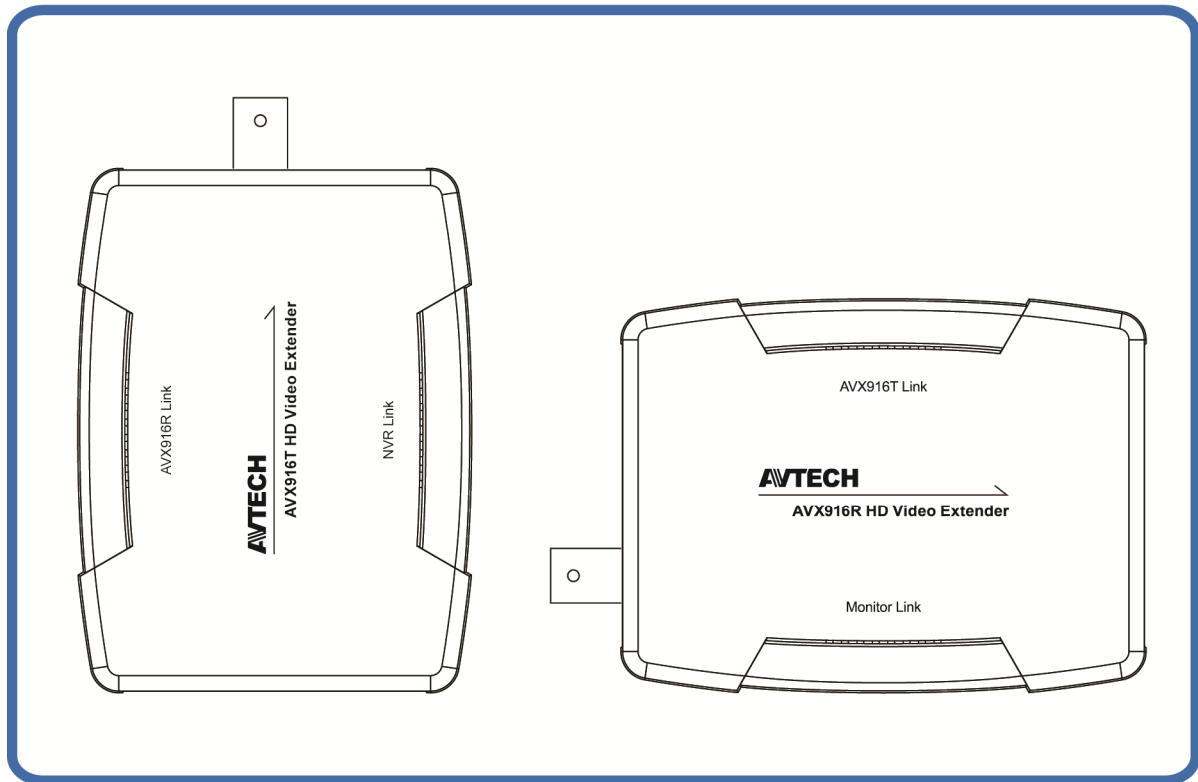


USER MANUAL

HD VIDEO EXTENDER



All lead-free products offered by the company comply with requirements of the European law on the Restriction of Hazardous Substances (RoHS) directive, which means our manufacture processes and products are strictly “lead-free” and without the hazardous substances cited on the directives.



The crossed-out wheeled bin mark symbolizes that within the European Union the product must be collected separately at the product end-of-life. This applies to your product and any peripherals marked with this symbol. Do not dispose of these products as unsorted municipal waste. Contact your local dealer for procedures for recycling this equipment.

CE Mark



This apparatus is manufactured to comply with the radio interference.

The company does not warrant that this manual will be uninterrupted or error right to revise or remove any content in this manual at any time.

GENERAL DESCRIPTION

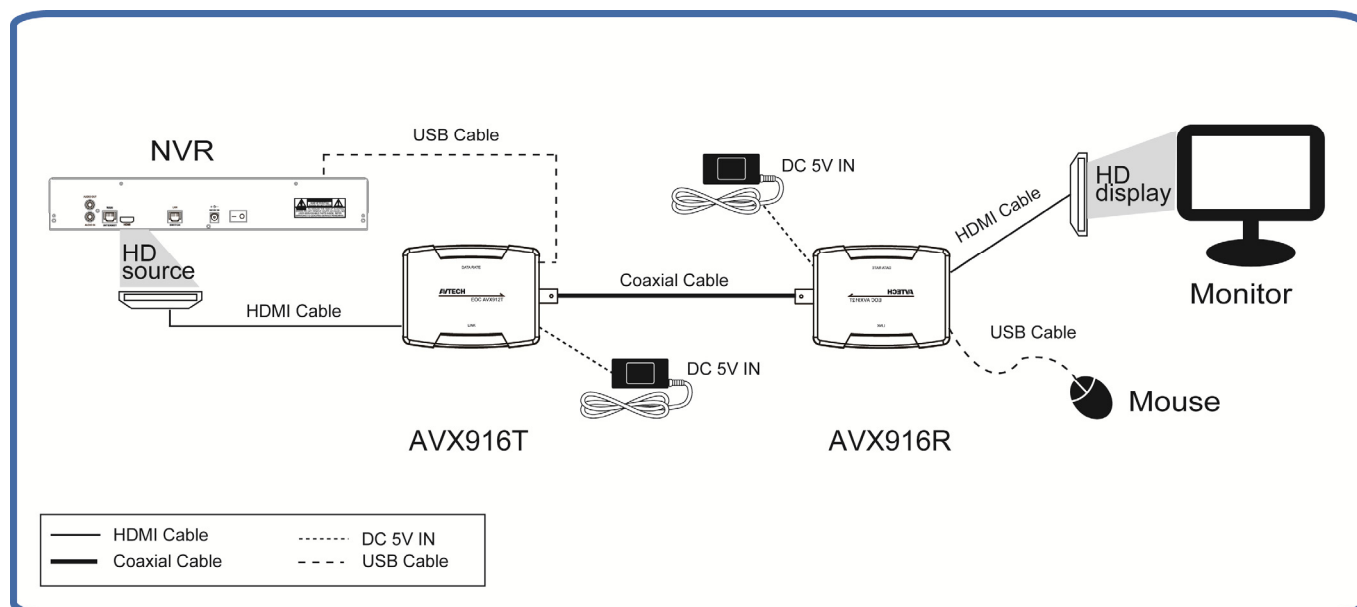
AVX916T / R is HD Video extender, capable of transmitting HD signals through a single coaxial cable. This device includes two units: AVX916T (transmitter) and AVX916R (receiver). The transmission range between the units can be up to 70 meters with RG-6 coaxial cable.

This extender is plug & play without any software to configure. With the bi-color diagnostic LED lights, users can check the operating status. Besides, the control signals from the USB mouse, keyboard, or IR remote controller are able to be transferred over the coaxial cable as well.

With this device, users may install the NVR in the machine room and set monitor in the security center locally for security. They do not need another computer in the security center for remote NVR access. The following are the key features of AVX916:

- **Use over long distance**—HD Video extender can be used for distances of up to 70 m for 3G SDI signals.
- **Expanded applications**—Signals from USB mouse is able to be transferred over the coaxial cable.
- **Rich diagnostic LED lights**—With LED indications, user can easily perceive the unusual connection for troubleshooting immediately.

CONNECTIONS



Follow the steps below to install your AVX916

Step 1: Plug in AVX916T and AVX916R.

Step 2: Connect a HD source (NVR) to the transmitting unit, AVX916T

Step 3: Connect a HD display or monitor to the receiving unit, AVX916R.

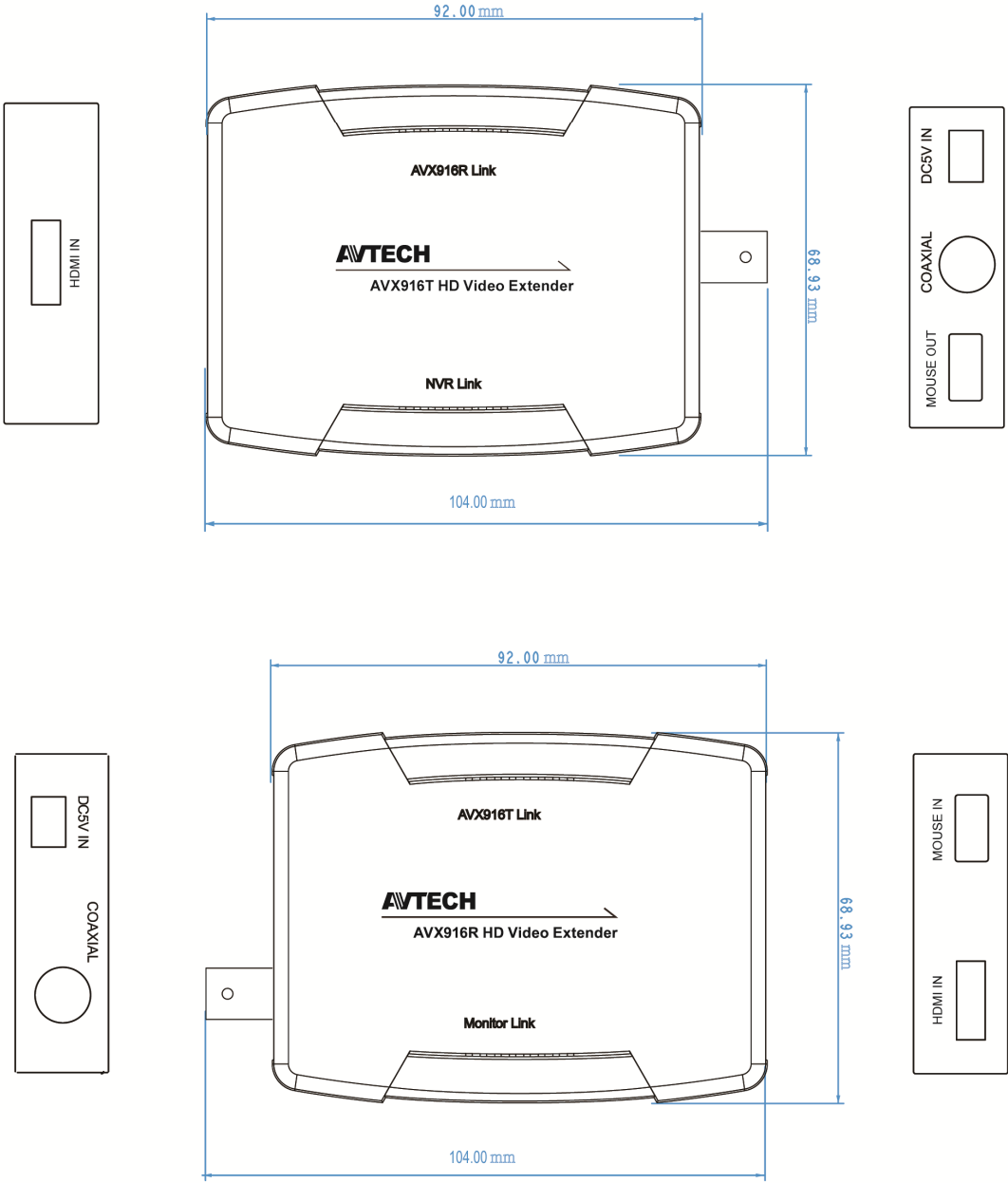
Step 4: Connect a coaxial cable between the transmitting and receiving units.

Step 5: Connect the supplied USB cable to NVR and AVX916T for USB mouse signals.

Step 6: Connect a USB mouse to AVX916R

*AVX916T is to connect to a NVR, while AVX916R is to connect to a monitor; if not connecting to the corresponding devices, it will affect the transmission rates. **When using RG6 coaxial cable, maximum transmission distance is up to 70m; it's not allowed to use a signal booster to extend the distance. Besides, the distance of connection and transmission speed might be affected by the cable materials

DIMENSIONS



LED STATUS INDICATION

There are two status lights on transmitting unit and receiving unit individually. With all four LED indicator lights blue on, it means all cables are correctly connected. If not, please refer to the table below for troubleshooting.

Status	Disconnect
HD cable to NVR	AVX916T Link and NVR Link Red On
HD cable to display	Monitor Link Red On
Coaxial cable to AVX916T	AVX916T Link and AVX916R Link Red On
Coaxial cable to AVX916R	AVX916T Link and AVX916R Link Red On

SPECIFICATIONS*

	AVX916T Transmitter	AVX916R Receiver
Coaxial Cable Connection**	RG6, 128 braids (Up to 70m)	
Video Output	Full HD display (1080P / 60Hz)	
Audio Output	YES	
USB port	YES (for USB mouse)	
LED Indications	YES (Bi-color)	
Temperature	Operating: 10°C ~ 40°C	
	Storage: 0°C ~ 70°C	
Power Supply	External adaptor DC 5V @ 500mA	
Power Consumption (±10%)	2.5W	
Dimensions (mm)***	92(L) × 69(W) × 15(H)	

* The specifications are subject to change without notice.

** The distance of connection might be affected by the cable quality and installation environment

*** Dimensional Tolerance: ± 5mm.

****3G or WiFi signal might affect the SDI signal transmission.