
Ethernet over Twisted-Pair (UTP) Adapter/Extender

Model: 7HT120



Introduction:

7HT120 is an Ethernet over Twisted-Pair (UTP) Adapter/Extender, transmits HD videos and high-speed data signals, transfers IP HD network signals over all kinds of twisted-pair cables. (UTP/STP/2-Wire/Ethernet cable)

It has advantages as long transmission range, high communication rate, multimedia service support and flexible networking, widely applied to the transformation and upgrading of original analog system into such projects as network HD, web camera video long-range extension and elevator monitoring transmission, etc.

7HT120 Ethernet over Twisted-Pair (UTP) Extender integrates twisted-pair interface and RJ45 connector, completely plug & play, doesn't need IP address or any special installation requirement. It is very suitable for the alteration and extension projects in which cable cannot be newly added or cable is hard to be newly added.

Features:

- *Support multi-node networking at most 8 terminal devices.
- *Support 720P, 960P and 1080P HD IP network cameras.
- *Ethernet extension over twisted-pair (UTP) cables with maximum transmission distance up to 600meters.
- *AV200 Powerline spec with plug and play.
- *128-bit AES encryption.
- *Low power consumption.
- *Side industry Interface: TP interface *1 and a RJ45 connector*.
- *10/100/Base-T Ethernet on RJ45 with auto-negotiation.

Specification:

Chipset	Qualcomm QCA 6410
Interface	TP interface*1
	RJ45 interface*1
Indicator	Pwr, Pwm,Plc, Link
Powerline	HomePlug AV, IEEE 802.3, IEEE 802.3u ,IEEE802.3u, IEEE802.3ab
Protocols	CSMA/CA (Powerline)
Encryption	AES 128-bit
Input Power	DC 12V 1A
Power Consumption	<1.5W
Modulation Technology	OFDM (1024/256/64/16-QAM,QPSK,BPSK and ROBO)
Power Save	Compliance with EuP

Size	L: 70x W: 60x D:25 mm
Weight	300g
Frequency	2-28MHz
PHY Speed	Ethernet 10/100(mbps); Powerline 200 (mbps)
Distance	UTP(cat5e): 600meters
Package Contents	7HT120 Extender User Manual
System Requirements	Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, Windows 8,
Environment	Operating Temperature: 0~70 °C (32 °F ~104°F) Storage Temperature: -20~70 °C (-4 °F ~158°F) Operating Humidity: 10%~90% non-condensing; Storage Humidity: 5%~90%