

Transmission			
Media	Connections	Cabling Distance	Wire Materials or Signal Requirements
Cable Spec.	VTO to VTNS1060A	Maximum 100m	Cable materials: <b>Network cable:</b> CAT5E, impedance per 100m<10R
	VTO to switcher	Maximum 100m	
	VTNS1060A to switcher	Maximum 100m	
	VTNS1060A to indoor unit	Maximum 100m	
	VTH to switcher	Maximum 100m	
	VDP device to POE switcher	Maximum 100m	
Two-wire Spec. (villa)	Star topology: VTNC3000A, between VTH and VTO	Maximum 100m	Cable materials: <b>Network cable:</b> CAT5E, EIA/TIA-568, impedance per 100m<10R. <b>Telephone wire:</b> two wires in a sheath, impedance per 100m<10R. Please select HYV 2*0.5 and YD/T322-1996. <b>Two-core power cord:</b> two wires in a sheath, impedance per 100m<10R. Please select BVVB 2*1.5 and RVV 2*1.0 or above. <b>Coaxial video line:</b> impedance per 100m<10R. Please select RG59.
	Hand-in-hand structure: the total length of VTH and VTO lines	Maximum 100m	
Two-wire Spec. (apartment)	Between two-wire switcher VTNS1006A-2 and VTH	Maximum 100m	Cable materials: <b>Network cable:</b> CAT5E, EIA/TIA-568, impedance per 100m<10R. <b>Telephone wire:</b> two wires in a sheath,
	Between two two-wire switchers of VTNS1006A-2	Maximum 100m	impedance per 100m<10R. Please select HYV 2*0.5 and YD/T322-1996. <b>Two-core power cord:</b> two wires in a sheath, impedance per 100m<10R. Please select BVVB 2*1.5 and RVV 2*1.0 or above. <b>Coaxial video line:</b> impedance per 100m<10R. Please select RG59.
Wi-Fi Spec.	Wi-Fi signal intensity at installation position of VTH or VTO	Select proper positions according to 2-Network Condition Measurement Process (Mobile APP)	Use two iPhone for signal testing with HE.NET Network Tools installed as the client and WiFiPerf Endpoint installed as the server respectively. The bandwidth at a certain position 1. exceeds 6Mbps in group calls. 2. exceeds 2Mbps in single call.
Power Supply	Power adapter to VTNS1060A	Maximum 30m	Cable materials: <b>20AWG or above cables)</b>
	Power adapter to VTNC3000A	Maximum 30m	
	Power adapter to two-wire switcher VTNS1006A-2	Maximum 30m	
	Power adapter to VTH	Maximum 30m	
	Power adapter to VTO	Maximum 30m	