

RP-VC102CK

Coaxial over VDSL2 Line power Extender Kits

RP-VC102CK, a pair of remote line-powered coaxial LAN Extender providing a broadband transmission up to 100/60Mbps for downstream/upstream over coaxial cable for point-to-point Ethernet connectivity. With remote line power supply from RP-VC102CK/M, the

RP-VC102CK support a connection distance up to 500 meters with 100/60Mbps data rate. Users may also select a fixed data rate or a fixed SNR margin for different coaxial ranging.

With plug and play features and minimum installation time, a pair of RP-VC102C Series offers a cost effective solution for bandwidth-hungry applications such as video streaming and FTTB over coaxial cable.



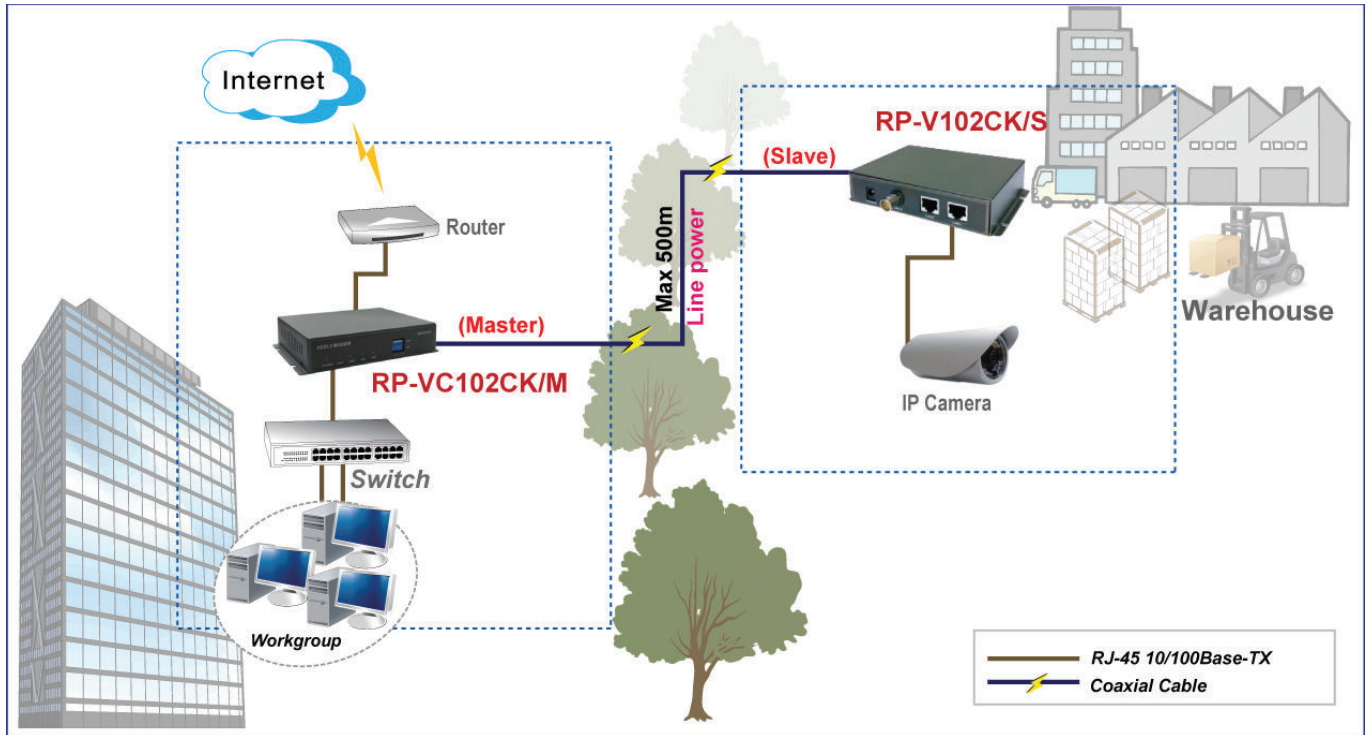
Feature

- ITU-T G.993.1, G.993.2 VDSL/VDSL2 and SG15Q4 DMT Compliance
- 100/60Mbps DownStream/UpStream for distance up to 500 meters
- Remote Line Power
- Trellis Coding support up to 1024 Discrete Multi-Tone (DMT) bin
- Selectable Fast and Interleaved modes
- Selectable fixed data rate and fixed SNR margin
- Auto MDIX for 10/100 BaseT Ethernet LAN Ports
- 4 Dip Switches for Master/Slave Configurations
- Low-Latency for Video/Voice/Data applications

Specification

Standard	<ul style="list-style-type: none"> • IEEE802.3/IEEE802.3u standard • Ethernet over VDSL2 • ITU-T G.993.1/2, SG15Q4 DMT Compliance 						
Interface	<ul style="list-style-type: none"> • 2 RJ-45 10/100Mbps Ethernet ports • 1 BNC Connector for Ethernet over Coaxial cable • 4 DIP switch for mode selection 						
Cable	<ul style="list-style-type: none"> • RJ-45 (Ethernet): Category 3, 4, 5 UTP/STP • BNC (DSL): Coaxial cable 						
VDSL Transmission	<ul style="list-style-type: none"> • ITU-T G.993.1/2, SG15Q4 DMT Compliance • Trellis Code with 1024 DMT bins • Max Data Rate: 100/60 Mbps 						
Network Features	<ul style="list-style-type: none"> • Auto-Detection for 10/100 Base-T and Half/Full duplex • Fully compatible with IEEE802.3/IEEE802.3u • Auto MDIX Function 						
Network Features	<ul style="list-style-type: none"> • Safety-Extra-Low-Voltage (SELV) Compliant • Power Auto Restart with Under Voltage Lockout (UVLO) Fault Detection 						
Data Rate & Distance	<ul style="list-style-type: none"> • Performance in coaxial cable at 6dB without rate limit <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>Down Stream Data Rate (Mbps)</th> <th>Up Stream Data Rate (Mbps)</th> <th>Distance (feet)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">100</td> <td style="text-align: center;">60</td> <td style="text-align: center;">500</td> </tr> </tbody> </table>	Down Stream Data Rate (Mbps)	Up Stream Data Rate (Mbps)	Distance (feet)	100	60	500
Down Stream Data Rate (Mbps)	Up Stream Data Rate (Mbps)	Distance (feet)					
100	60	500					
LED indicators	<ul style="list-style-type: none"> • POWER: Power is ON • LAN: Data Activity of LAN Port • DSL: VDSL Loop Connection Status • PM: Line Power is ON 						
Power Supply	<ul style="list-style-type: none"> • External Power Adapter DC12V/2.5A 						
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0°C~ 50°C • Operating Humidity: 5%~95% (Non-Condensing) 						
Dimension	<ul style="list-style-type: none"> • 120 * 90 * 28 mm 						
Certifications	<ul style="list-style-type: none"> • CE, FCC 						

Application



Ordering information

RP-VC102CK Coaxial over VDSL2 Line power Extender Kits
(RP-VC102CK/M+VC102CK/S)

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