



## **Ether over Coax/RJ11 Converter**

**V102-RJ11(Annex A, B)**

**V102-PSE/PD, V102-PM/PS**

**V102-BNC(Coax)**

**V102-PR (Repeater)**

**V404(4-port DSLAM)**



## VDSL2

**V102-PSE**  
Ethernet over VDSL2 PSE Converter

**V102-PD**  
V2 PD Converter

**V102-PM**  
Ethernet over VDSL2 Master Converter

**V102-PS & V102-PR (ODU)**  
V2 Slave Converter & Repeater

**V404**  
Ethernet over VDSL2 4-port DSLAM

**V102-RJ11 (Annex A) or (Annex B)**  
Ethernet over VDSL2 Converter

**V102-BNC**  
Ethernet over VDSL2 Converter (BNC)



- **High-Performance of Ethernet over VDSL Solution**
  - Supports signal conversion between traditional Ethernet and innovative VDSL2 technology.
- **Implement with Existing Telephone / Coaxial Copper Wires**
  - Integrate current Ethernet application with the new building phone line / coaxial cable network technology, like hotel, office and apartment environment.
- **Deliver High-Demand Services Connectivity**
  - Provide video-on-demand and multi-media service to apartment, hotel, and campus without re-wiring cable consideration
- **Easy Installation**
  - DIP switch quick setting, plug and play
  - Fully compliant with all kinds of network protocols

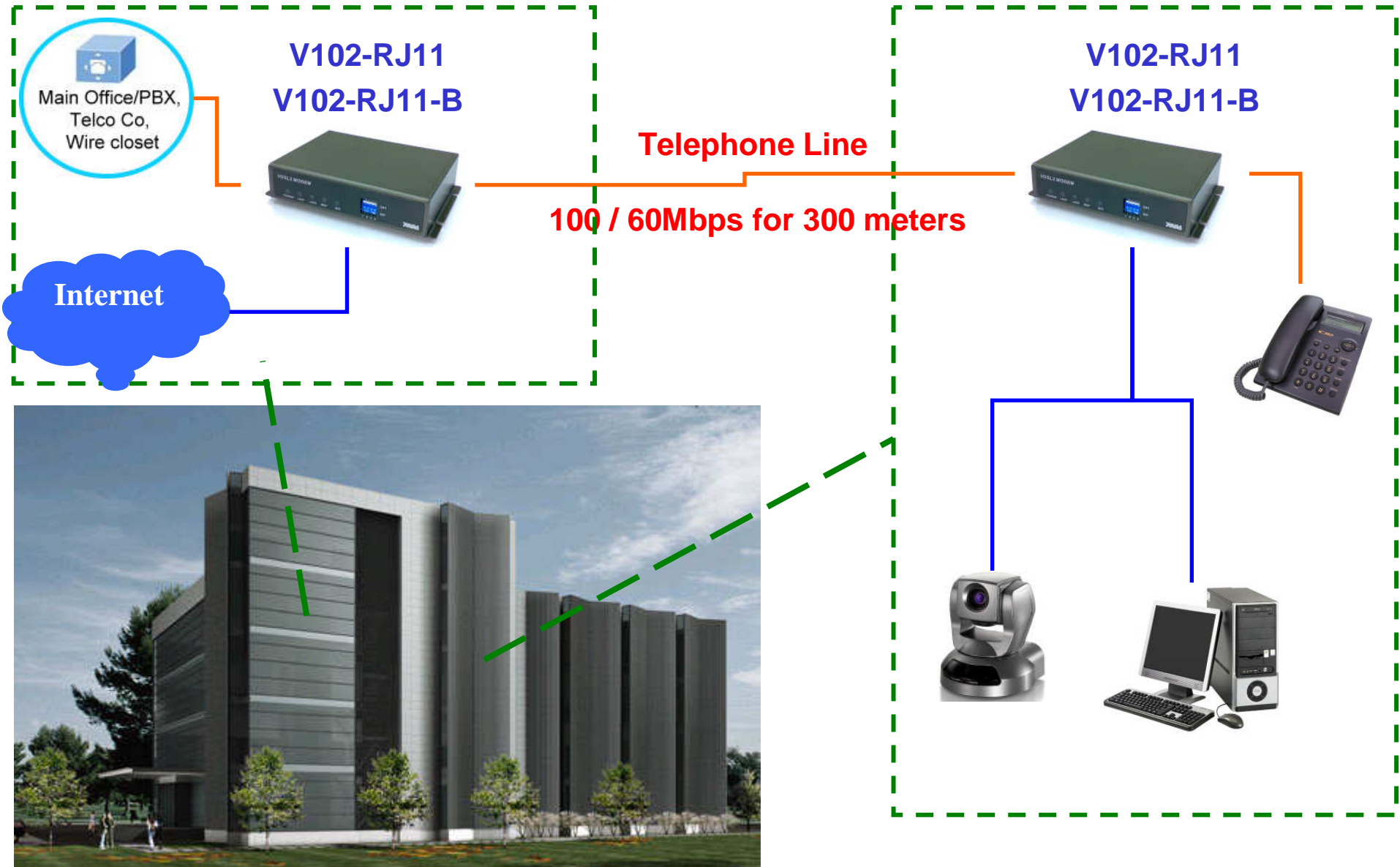


# Specifications

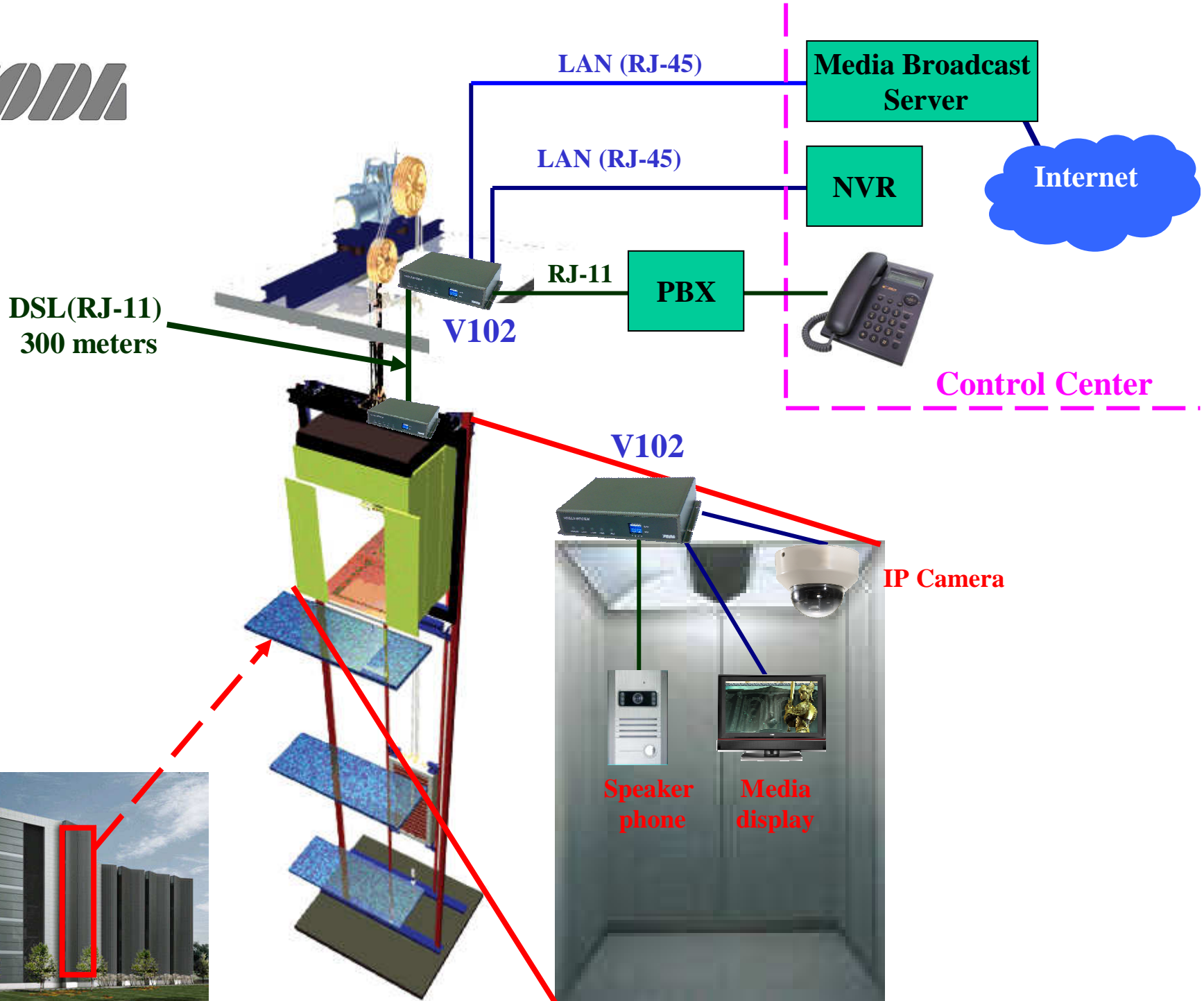
	V102-RJ11 (Annex A) V102-RJ11-B (Annex B)	V102-BNC (Coax)
<b>Standards</b>	ITU-T G.993.1, G.993.2 VDSL/VDSL2 SG15Q4 DMT Compliance	ITU-T G.993.1, G.993.2 VDSL/VDSL2 SG15Q4 DMT Compliance
<b>Interface</b>	2 * RJ-45 for Ethernet LAN Port 1 * RJ-11 Port for DSL 1 * RJ-11 Port for Telephone	2 * RJ-45 for Ethernet LAN Port 1 * BNC Port for Coaxial cable
<b>Feature</b>	<ul style="list-style-type: none"> <li>-100/60Mbps DownStream/ UpStream for distance up to 300 meters</li> <li>-Supports VDSL2 connection up to 2000 meters</li> <li>-Line Surge Protection</li> <li>-4 Dip Switches for Configuration Settings</li> <li>-Trellis Coding support up to 1024 Discrete Multi-Tone (DMT) bins</li> <li>-Auto MDIX for 10/100 BaseT Ethernet LAN Ports</li> <li>-Low-Latency for Video/Voice/Data applications</li> <li>-Selectable Fast and Interleaved modes</li> <li>-Selectable fixed data rate and fixed SNR margin</li> <li>-Compact Size Design for Desktop or Rack Mountable</li> </ul>	<ul style="list-style-type: none"> <li>-100/60Mbps DownStream/ UpStream for distance up to 400 meters</li> <li>-Supports VDSL2 connection up to 2000 meters</li> <li>-Line Surge Protection</li> <li>-4 Dip Switches for Configuration Settings</li> <li>-Trellis Coding support up to 1024 Discrete Multi-Tone (DMT) bins</li> <li>-Auto MDIX for 10/100 BaseT Ethernet LAN Ports</li> <li>-Low-Latency for Video/Voice/Data applications</li> <li>-Selectable Fast and Interleaved modes</li> <li>-Selectable fixed data rate and fixed SNR margin</li> <li>-Compact Size Design for Desktop or Rack Mountable</li> </ul>
<b>Power</b>	External Power Adapter (5VDC/2A)	External Power Adapter (5VDC/2A)



# V102-RJ11

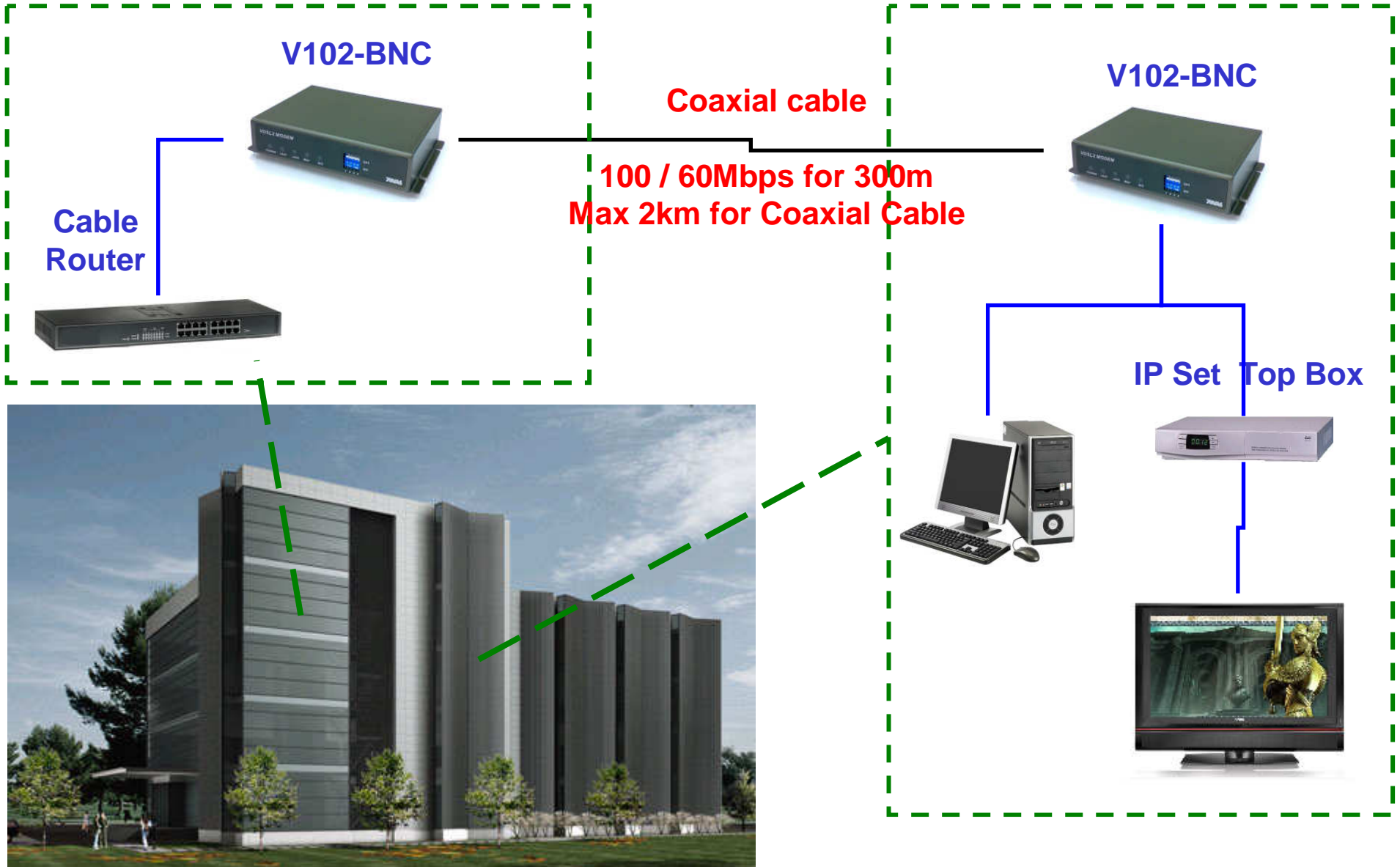


**YODA**





# V102-BNC



V102-BNC

V102-BNC

Cable Router

Coaxial cable

100 / 60Mbps for 300m  
Max 2km for Coaxial Cable

IP Set Top Box

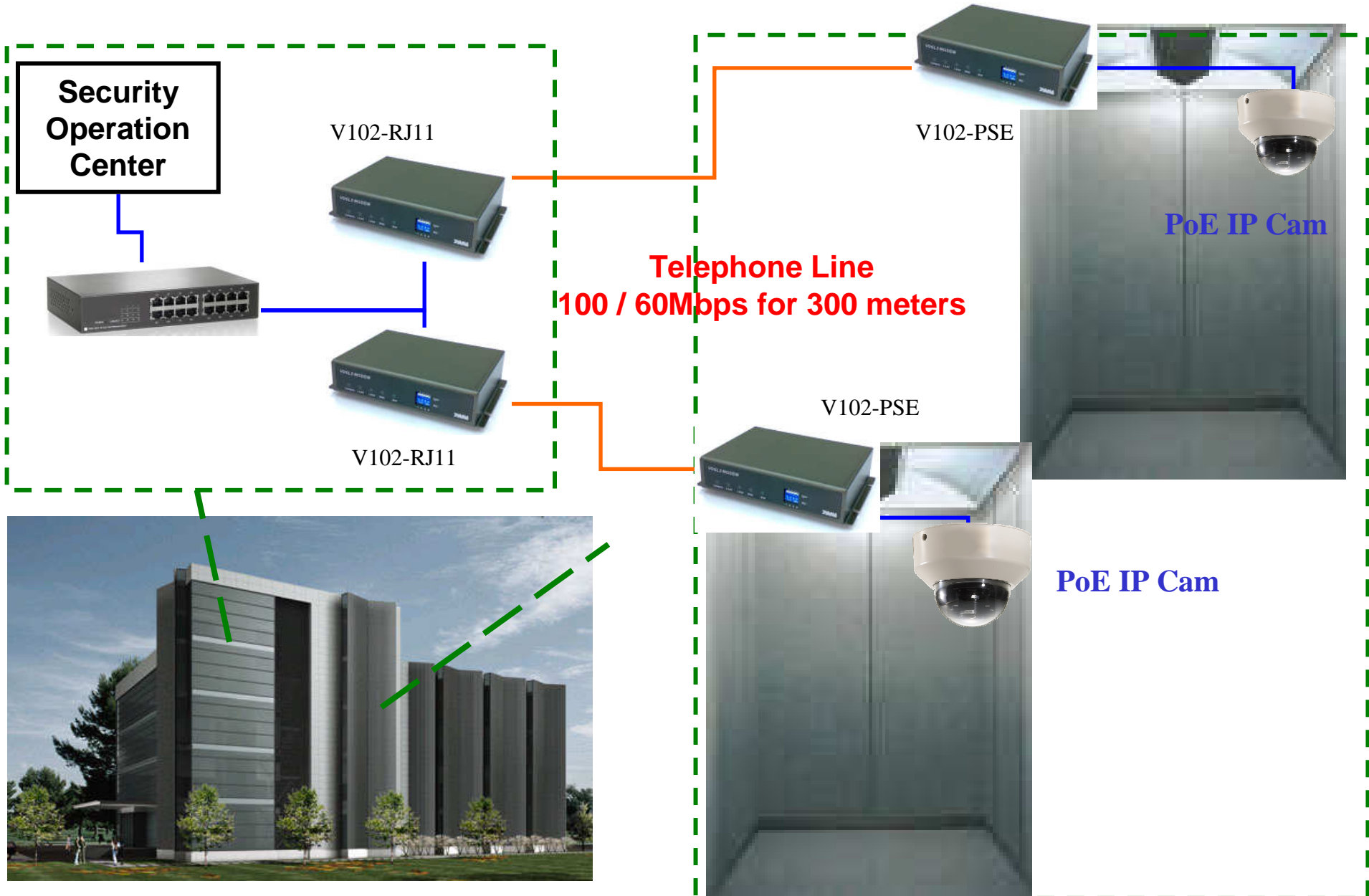


	V102-PSE VDSL2 PSE Converter	V102-PD VDSL2 PD Converter
<b>Standards</b>	ITU-T G.993.1, G.993.2 VDSL/VDSL2 SG15Q4 DMT Compliance	ITU-T G.993.1, G.993.2 VDSL/VDSL2 SG15Q4 DMT Compliance
<b>Interface</b>	1 * RJ-45 for Ethernet LAN Port 1 * RJ-11 Port for DSL	1 * RJ-45 for Ethernet LAN Port 1 * RJ-11 Port for DSL
<b>Feature</b>	<ul style="list-style-type: none"> <li>-100/60Mbps DownStream/ UpStream for distance up to 300 meters</li> <li>-Supports VDSL2 connection up to 2000 meters</li> <li>-IEEE802.3af compliant -48V Power-Sourcing-Ethernet (PSE) standard</li> <li>-Maxium 15.4Watt for Class 3 output power</li> <li>-Line Surge Protection</li> <li>-4 Dip Switches for Configuration Settings</li> <li>-Trellis Coding support up to 1024 Discrete Multi-Tone (DMT) bins</li> <li>-Auto MDIX for 10/100 BaseT Ethernet LAN Ports</li> <li>-Low-Latency for Video/Voice/Data applications</li> <li>-Selectable Fast and Interleaved modes</li> <li>-Selectable fixed data rate and fixed SNR margin</li> <li>-Compact Size Design for Desktop or Rack Mountable</li> </ul>	<ul style="list-style-type: none"> <li>-100/60Mbps DownStream/ UpStream for distance up to 300 meters</li> <li>-Supports VDSL2 connection up to 2000 meters</li> <li>-IEEE802.3af compliant PoE standard</li> <li>-Compatible with Class 0 to Class 3 equipment for input voltage 36V – 60V</li> <li>-Line Surge Protection</li> <li>-4 Dip Switches for Configuration Settings</li> <li>-Trellis Coding support up to 1024 Discrete Multi-Tone (DMT) bins</li> <li>-Auto MDIX for 10/100 BaseT Ethernet LAN Ports</li> <li>-Low-Latency for Video/Voice/Data applications</li> <li>-Selectable Fast and Interleaved modes</li> <li>-Selectable fixed data rate and fixed SNR margin</li> <li>-Compact Size Design for Desktop or Rack Mountable</li> </ul>
<b>Power</b>	External Power Adapter	



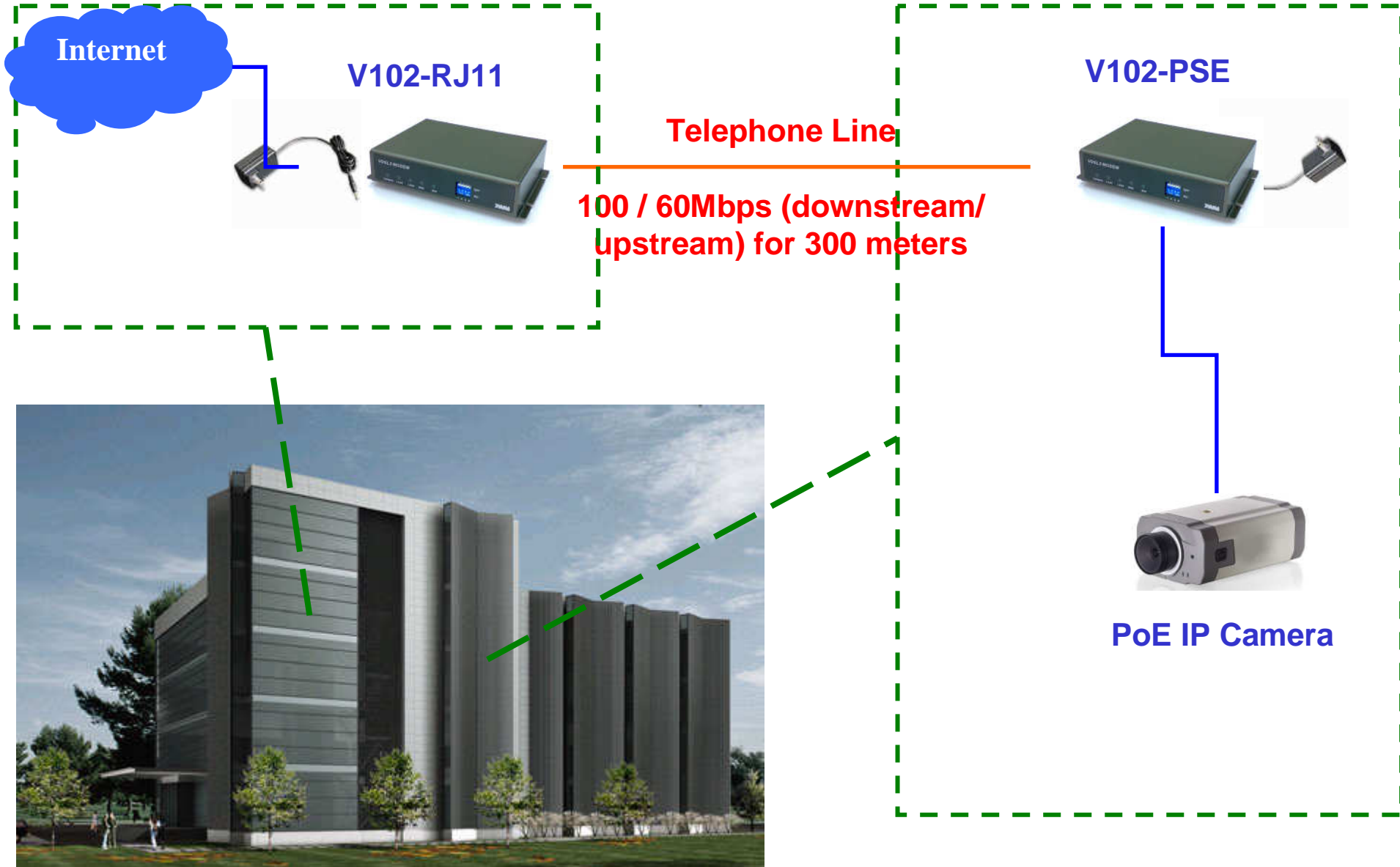


# V102-RJ11/V102-PSE



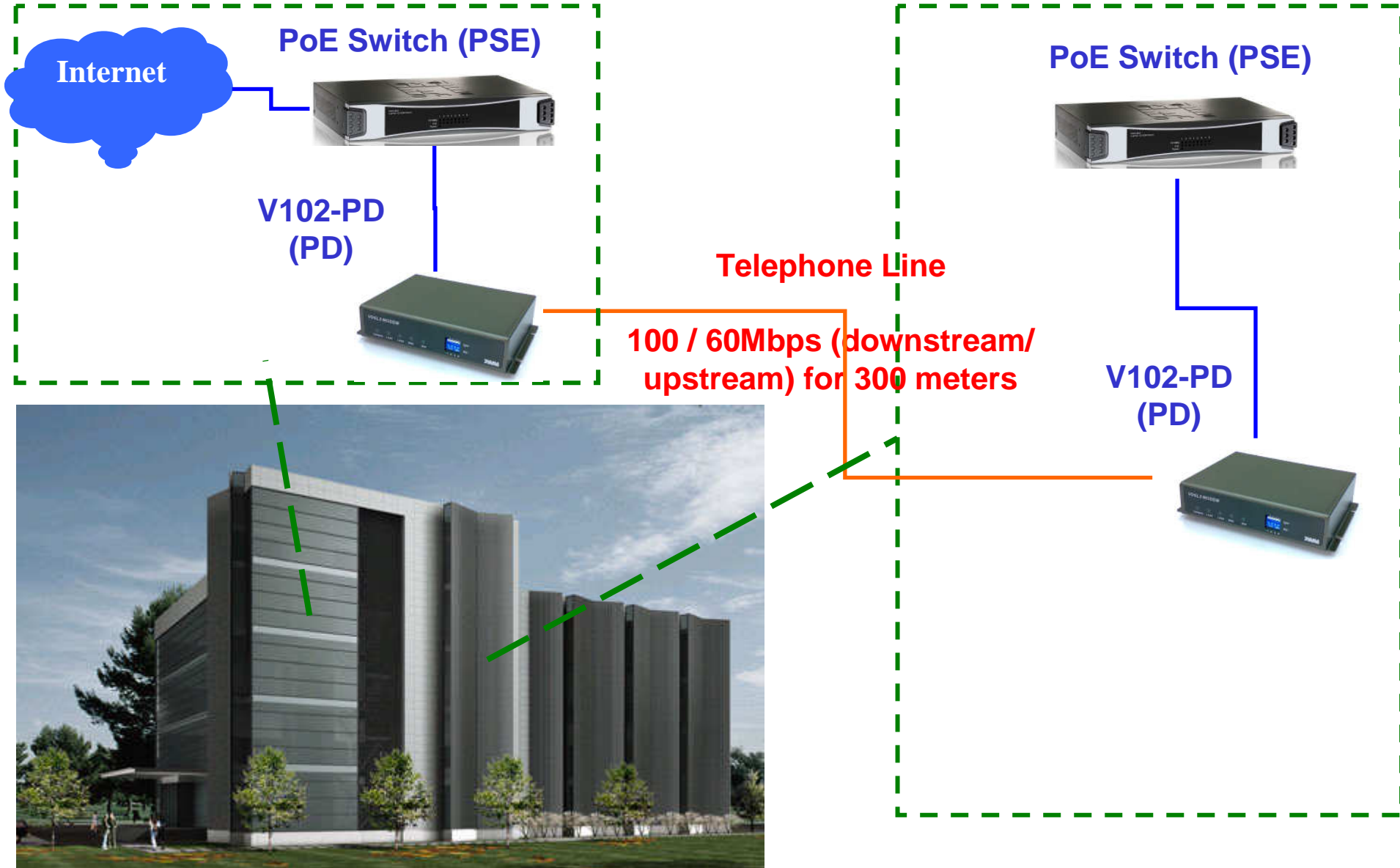


# V102-PSE



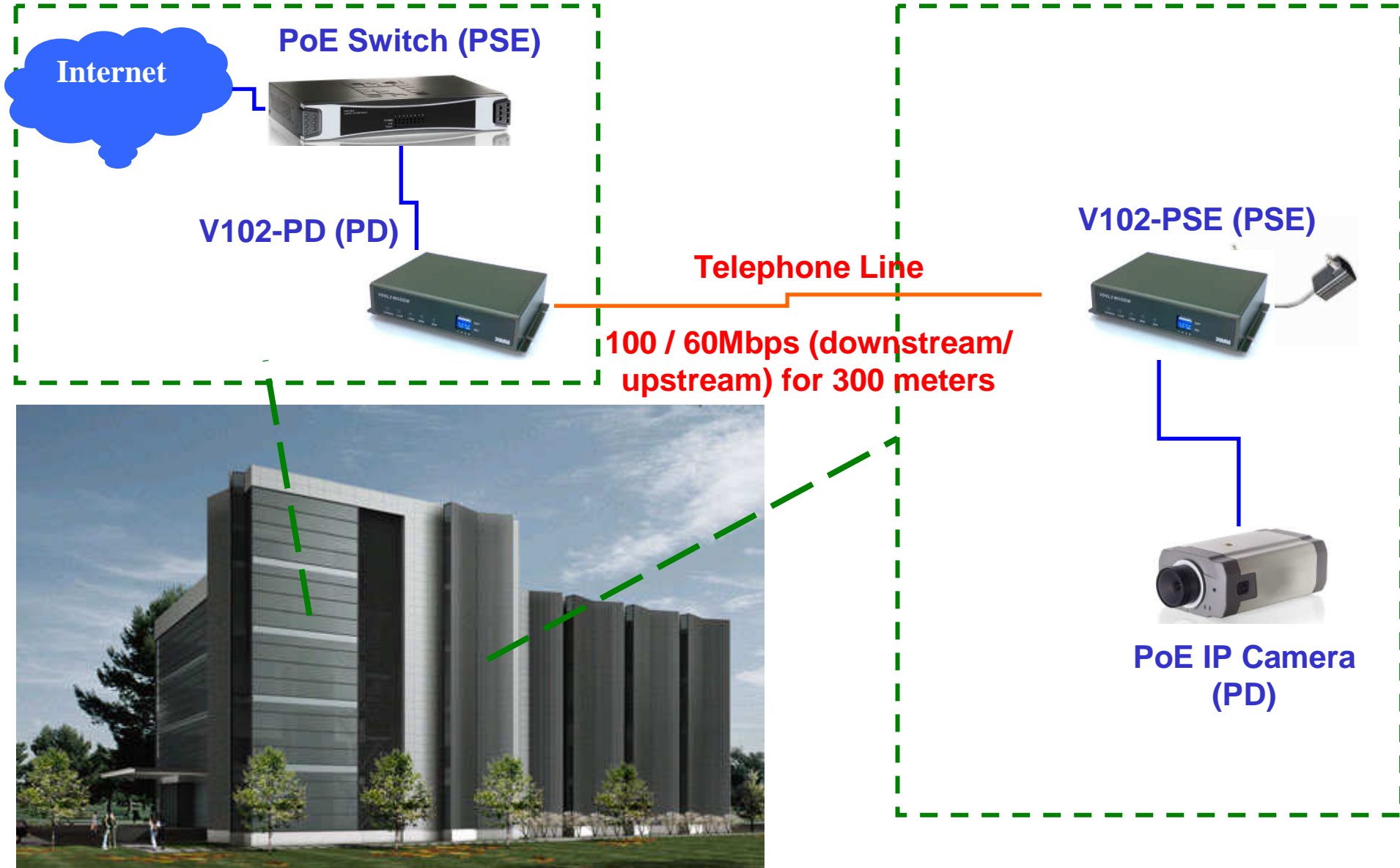


# V102-PD





# V102-PSE/PD



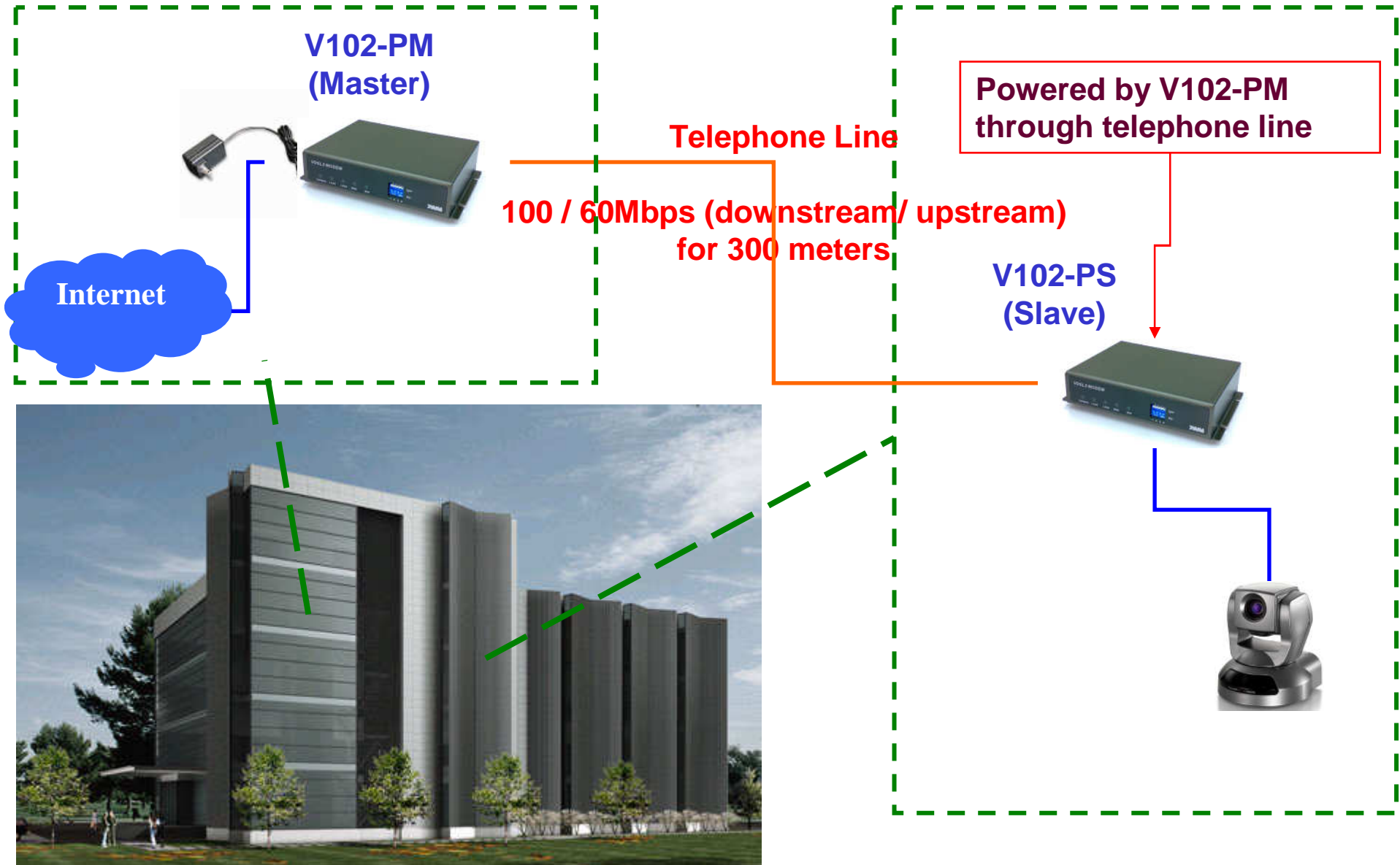


# Line Powered

	V102-PM VDSL2 Master Converter	V102-PS VDSL2 Slave Converter
Standards	ITU-T G.993.1, G.993.2 VDSL/VDSL2 SG15Q4 DMT Compliance	ITU-T G.993.1, G.993.2 VDSL/VDSL2 SG15Q4 DMT Compliance
Interface	1 * RJ-45 for Ethernet LAN Port 1 * RJ-11 Port for DSL	1 * RJ-45 for Ethernet LAN Port 1 * RJ-11 Port for DSL
Feature	<ul style="list-style-type: none"><li>-100/60Mbps DownStream/ UpStream for distance up to 350 meters</li><li>-Supports Line Powered VDSL2 connection</li><li>-Conforms Safety-Extra-Low-Voltage (SELV) standard</li><li>-Line Surge Protection</li><li>-4 Dip Switches for Configuration Settings</li><li>-Trellis Coding support up to 1024 Discrete Multi-Tone (DMT) bins</li><li>-Auto MDIX for 10/100 BaseT Ethernet LAN Ports</li><li>-Low-Latency for Video/Voice/Data applications</li><li>-Selectable Fast and Interleaved modes</li><li>-Selectable fixed data rate and fixed SNR margin</li><li>-Compact Size Design for Desktop or Rack Mountable</li></ul>	<ul style="list-style-type: none"><li>-100/60Mbps DownStream/ UpStream for distance up to 350 meters</li><li>-Supports Line Powered VDSL2 connection</li><li>-Conforms Safety-Extra-Low-Voltage (SELV) standard</li><li>-Line Surge Protection</li><li>-4 Dip Switches for Configuration Settings</li><li>-Trellis Coding support up to 1024 Discrete Multi-Tone (DMT) bins</li><li>-Auto MDIX for 10/100 BaseT Ethernet LAN Ports</li><li>-Low-Latency for Video/Voice/Data applications</li><li>-Selectable Fast and Interleaved modes</li><li>-Selectable fixed data rate and fixed SNR margin</li><li>-Compact Size Design for Desktop or Rack Mountable</li></ul>
Power	External Power Adapter	

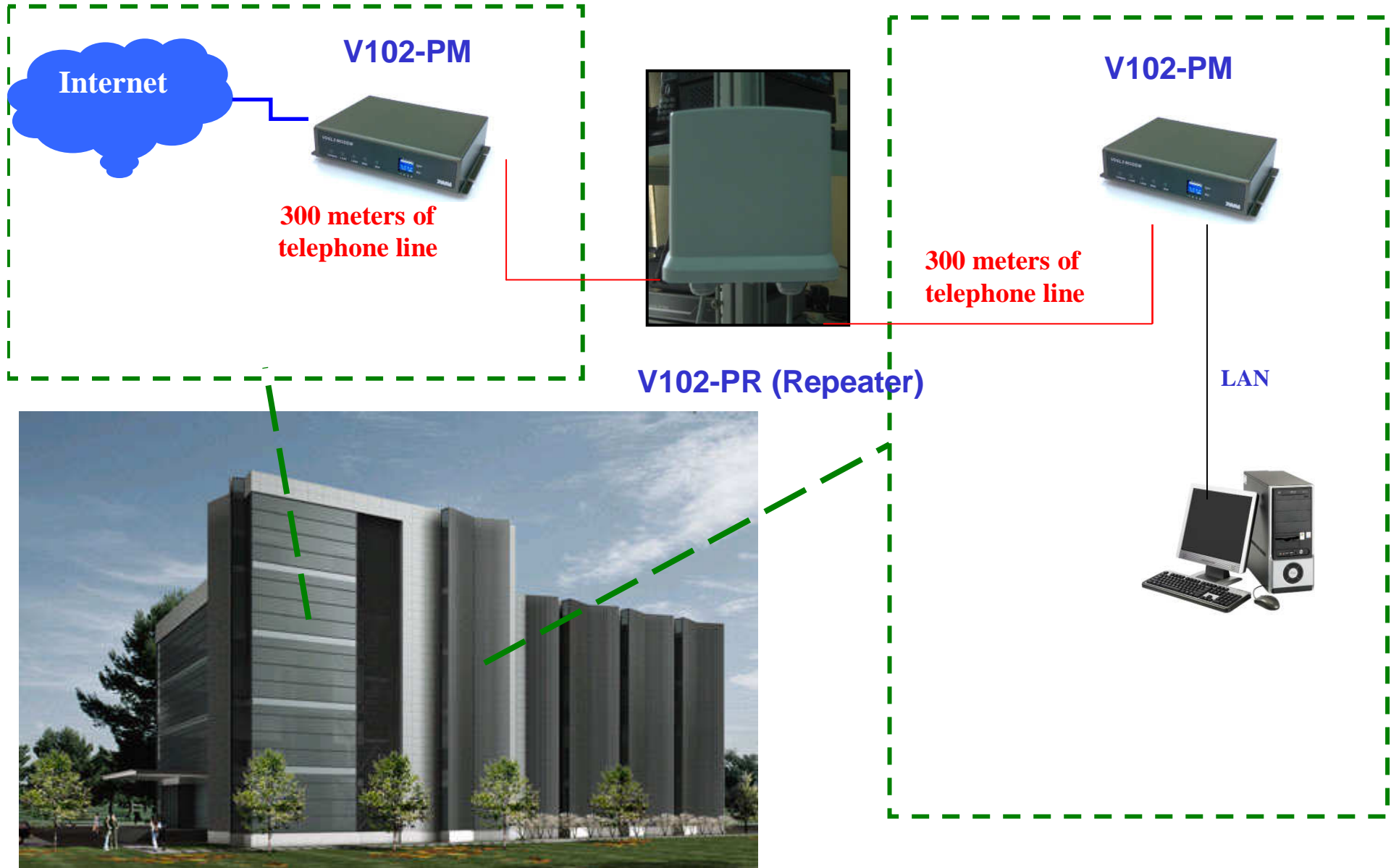


# V102-PM/PS Line Powered





# V102-PR repeater





# V404 4-port DSLAM

