

Draytek DV130 Chorus Bridged VDSL Sample Configuration

Supported from firmware version: 3.7.1.3



Contents

| | |
|-----------------------------|---|
| Default Settings:..... | 2 |
| Configure VLAN ID..... | 2 |
| Disable dial up client..... | 3 |
| Setup the bridge..... | 4 |

Default Settings:

- LAN IP 192.168.1.1/255.255.255.0
- Username = admin
- Password = admin
- DHCP = on

Configure VLAN ID

Switch on VLAN tagging for the VDSL circuit, set the value to 10, reboot when requested.

Internet Access >> General Setup

WAN 1

| | |
|-----------------------------|--|
| Display Name: | <input type="text"/> |
| Physical Mode: | VDSL2 |
| DSL Mode: | Auto |
| Physical Type: | Auto negotiation |
| Line Speed(Kbps): | |
| DownLink | <input type="text" value="0"/> |
| UpLink | <input type="text" value="0"/> |
| VLAN Tag insertion (ADSL): | Disable |
| Tag value: | <input type="text" value="0"/> (0~4095) |
| Priority: | <input type="text" value="0"/> (0~7) |
| VLAN Tag insertion (VDSL2): | Enable |
| Tag value: | <input type="text" value="10"/> (0~4095) |
| Priority: | <input type="text" value="0"/> (0~7) |

Note : In DSL auto mode, the router will reboot automatically while switching between VDSL2 and ADSL lines.

OK

Cancel

Disable dial up client

Disable the PPPoE/PPPoA client & reboot when requested.

Internet Access >> PPPoE / PPPoA

PPPoE / PPPoA Client Mode

| | | | |
|---|--|--|--|
| PPPoE/PPPoA Client <input type="radio"/> Enable <input checked="" type="radio"/> Disable | | ISP Access Setup ISP Name: <input type="text"/> Username: <input type="text"/> Password: <input type="text"/> PPP Authentication: PAP or CHAP ▾ <input type="checkbox"/> Always On Idle Timeout: -1 second(s) | |
| DSL Modem Settings (for ADSL mode only) Multi-PVC channel: Channel 1 ▾ VPI: 0 VCI: 100 Encapsulating Type: VC MUX ▾ Protocol: PPPoA ▾ Modulation: Multimode ▾ | | IP Address From ISP WAN IP Alias Fixed IP: <input type="radio"/> Yes <input checked="" type="radio"/> No (Dynamic IP) Fixed IP Address: <input type="text"/> | |
| PPPoE Pass-through <input type="checkbox"/> For Wired LAN Note: If this box is checked while using the PPPoA protocol, the router will behave like a modem which only serves the PPPoE client on the LAN. | | <input checked="" type="radio"/> Default MAC Address <input type="radio"/> Specify a MAC Address MAC Address: 00 · 1D · AA · 83 · D8 · C5 | |
| WAN Connection Detection Mode: ARP Detect ▾ Ping IP: <input type="text"/> TTL: | | Index(1-15) in Schedule Setup : => <input type="text"/> , <input type="text"/> , <input type="text"/> , <input type="text"/> | |
| MTU: 1492 (Max:1492) | | | |

OK

Setup the bridge

Enable MPoA & set the encapsulation to IPoE
MTU should be 1492.
Apply & reboot

Internet Access >> MPoA / Static or dynamic IP

| MPoA / Static or dynamic IP | |
|--|---|
| MPoA (RFC1483/2684) <input checked="" type="radio"/> Enable <input type="radio"/> Disable | WAN IP Network Settings <input type="radio"/> Obtain an IP address automatically Router Name <input type="text" value="Vigor"/> * Domain Name <input type="text"/> * <small>*: Required for some ISPs</small> |
| DSL Modem Settings (for ADSL mode only) Multi-PVC channel <input type="text" value="Channel 2"/> | DHCP Client Identifier for some ISP <input type="checkbox"/> Enable Username <input type="text"/> Password <input type="text"/> |
| Encapsulation <input type="text" value="1483 Bridged IP (IPoE"/> | <input checked="" type="radio"/> Specify an IP address <input type="button" value="WAN IP Alias"/> IP Address <input type="text" value="0.0.0.0"/> Subnet Mask <input type="text" value="0.0.0.0"/> Gateway IP Address <input type="text" value="0.0.0.0"/> |
| VPI <input type="text" value="8"/> VCI <input type="text" value="88"/> Modulation <input type="text" value="Multimode"/> | <input checked="" type="radio"/> Default MAC Address <input type="radio"/> Specify a MAC Address MAC Address: <input type="text" value="00"/> · <input type="text" value="1D"/> · <input type="text" value="AA"/> : <input type="text" value="83"/> · <input type="text" value="D8"/> · <input type="text" value="C5"/> |
| WAN Connection Detection Mode <input type="text" value="ARP Detect"/> Ping IP <input type="text"/> TTL: <input type="text"/> | DNS Server IP Address Primary IP Address <input type="text" value="8.8.8.8"/> Secondary IP Address <input type="text" value="8.8.4.4"/> |
| MTU <input type="text" value="1492"/> (Max: 1500) | |
| RIP Protocol <input type="checkbox"/> Enable RIP | |
| Bridge Mode <input type="checkbox"/> Enable Bridge Mode | |

OK

Set up a PPPoE client on the LAN side of the DV130 with your ISP credentials. No VLAN configuration is required as this is taken care of by the DV130. If you require your internal device to insert VIDs then simply remove the VID setting in step 1.