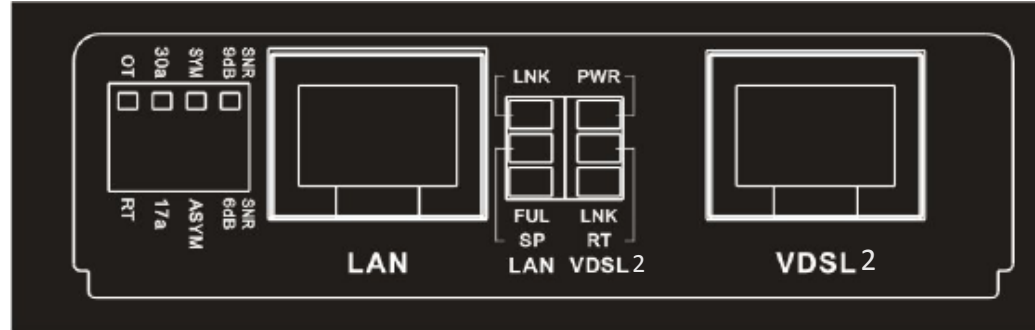


# VX-VEB160R1 Quick Start

## VDSL2 (Profile 30a) Industrial Ethernet Extender

### Quick Installation

DIP Switches



**STEP 1 :**  
Set the LAN extender to OT mode or RT mode from the DIP switch at the front panel. For Point to Point applications, one unit must be set to the Source (OT) and the other one to the Destination (RT mode).

**STEP 2 :**  
Connect the LAN extender (RT) with a regular Cat. 5 cable to the LAN port from a PC or another device on LAN.

**STEP 3 :**  
Power on LAN extender (RT) by connecting the power adapter.

**STEP 4 :**  
Connect the RT and OT via a regular Cat. 5 cable or a telephone wire using each VDSL2 port.

**STEP 5 :**  
Connect the LAN extender (OT) with a regular Cat. 5 cable to the LAN port and then connect the other end of the RJ45 cable to the service equipment.

**STEP 6 :**  
Power on LAN extender (RT) by connecting the power adapter and observe the status of VDSL2 link LED.

	DIP 1	DIP2	DIP3	DIP4
	Side	VDSL2 Profile	Rate Limit	SNR
OFF	OT	30a	Symmetric	9dB
ON	RT	17a	Asymmetric	6dB

### LEDs for VDSL2

LED	Blink	ON	OFF
PWR (Green)		Device Power ON	Device Power OFF
LNK (Green)	Slow: Idle Fast: Training / Data Transmitting	Link Up	Link Down
RT (Green)		RT	OT

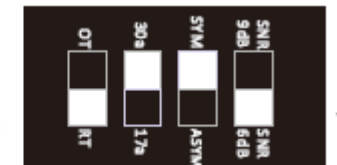
### LEDs for LAN

LED	Blink	ON	OFF
LNK (Green)	Activity	Link Up	Link Down
FUL (Green)		Full Duplex	Half Duplex
SP (Green)		100Mbps	10Mbps

### Setting as OT side



### Setting as RT side



### Description :

**DIP 1 :**  
OT : LAN Extender acts as the Source (OT)  
RT : LAN Extender acts as the Destination (RT)

**DIP 2 :**  
30a : VDSL2 High Speed Mode.  
17a : VDSL2 Long Reach Mode.

**DIP 3 :**  
Symmetric : Support the band plan G.997 and provides symmetric transmission on both downstream and upstream.  
Asymmetric : Provides highest line rate to short ranges in asymmetric mode.

**DIP 4 :**  
9dB : Better channel noise protection with SNR up to 9 dB.  
6dB : Original channel noise protection with 6 dB SNR.

**\*\* Power supply:**  
12 VDC in over terminal block . (External Power Adaptor included)