

# Corecess Inc.

FCC ID QB3CORECESS3311N

## -Operational description-

### Introduction

The Corecess 3311N and Corecess 3312 N are Single-pair High-speed Digital Subscriber Line (SHDSL) modems used for connection to the Internet or corporate intranets over ordinary telephone lines.

### Key Features

The Corecess 3311N and Corecess 3312N SHDSL modem provides the following key features:

- Provides auto-negotiating 10/100Base-TX Ethernet interface.
- Provides SHDSL interface supporting the following data transmission rate:
  - Corecess 3311N : up to 2.3 Mbps for both upstream and downstream (2-wire mode)
  - Corecess 3312N : up to 4.6 Mbps for both upstream and downstream (4-wire mode)
- Supports both symmetric and asymmetric services.
- Supports both adaptive and fixed data rate modes.
- Supports both server (CO) and client (CPE) operation modes.
- Supports PPPoE, PPPoA, IPoA, RFC 1483 bridged/routed protocols.
- Supports static routing and dynamic routing (RIP v1 and RIP v2)
- Supports DHCP (Dynamic Host Configuration Protocol) server and client for dynamic IP address allocation.
- Supports DNS (Domain Name Server) client and relay for easy mapping the domain name and IP address.
- Supports NAT (Network Address Translation) for conservation of registered IP addresses.
- Supports Telnet and HTML browser interface for configuring the SHDSL modem.
- Can upgrade the latest modem software remotely using TFTP or FTP.
- Supports Back-to-Back Connections for high-speed LAN extensions over a private network.