



Optical MODEM Model: UW-302VP

DESCRIPTION

UW-302VP IS A OPTICAL MODEM USED IN NETWORKING PRODUCTION OF LATEST TECHNOLOGY'S. IT PROVIDES GE INTERFACE, ONE OPTICAL INTERFACE, IT'S VERY SUITABLE FOR HOME AND SMALL BUSINESS USERS, CAN SATISFY THE FTTH HIGH-SPEED DATA TRANSMISSION.

KEY FEATURES

- 1) IT TAKES THE PTMP (POINT TO MULTIPOINT) NETWORK TOPOLOGY, EFFECTIVELY COLLECTS AND CONVERGES SCATTERED ETHERNET SERVICES, AND PROVIDES THE 10/100/1000M ETHERNET STANDARD RJ45 INTERFACE, SMOOTHLY INTERCONNECTS WITH EXISTING NETWORKS;
- 2) THE DYNAMIC BANDWIDTH ALLOCATION (DBA) MECHANISM ENABLES ALL USERS TO SHARE THE BANDWIDTH REASONABLY, GUARANTEEING A RELIABLE QOS;
- 3) SUPPORTS IGMP MULTICAST, EFFECTIVE USE OF BROADBAND AND MULTICAST VLAN;
- 4) FULL MANAGEMENT THROUGH AN OPERATION ADMINISTRATION MAINTENANCE (OAM) PROTOCOL BASED ON IEEE802.3AH, INCLUDING CONFIGURATION, ALARM, PERFORMANCE MONITORING, FAULT ISOLATION AND SECURITY MANAGEMENT, ETC. IT SUPPORTS REMOTE MANAGEMENT THROUGH OLT AND LOCAL CONSOLE MANAGEMENT AS WELL.
- 5) SUPPORTS FEC, DBA AND STORM CONTROL
- 6) SUPPORTS IEEE802.1Q VLAN PROTOCOL & IEEE 802.1P PROTOCOL;
- 7) SUPPORTS REMOTE LOOPBACK AND NETWORK STATUS DIAGNOSIS AND NETWORK ROUTING STATISTICS;

TECHNICAL PARAMETERS

MODEL	UW-302VP
USER INTERFACE	4X 10/100/1000M RJ45 PORT.
NETWORK	TRANSMISSION SPEED: UPSTREAM/DOWNSTREAM SYMMETRICAL 1GBPS NETWORK COVERAGE RADIUS: 20KM OPTICAL RECEIVE SENSITIVITY: ≥ -27 DBM LUMINOUS POWER: < 0 DBM SECURITY: AUTHENTICATION MECHANISM
PROTOCOL	COMPLIANT WITH IEEE802.3AH YD/T 1475-2006 IEEE 802.1D, SPANNING TREE IEEE 802.1Q, VLAN IEEE 802.1W, RSTP IEEE 802.3AD (LACP) ETHERNET-II, ETHERNET-SNAP
VLAN	PORT-BASED VLAN GVRP IEEE 802.1Q VLAN
QOS	COMPUTER NETWORK OPTICAL MODEM WITH BACKPRESSURE FLOW CONTROL(HALF-DUPLEX) IEEE 802.3X FLOW CONTROL(FULL-DUPLEX) PREVENT HEAD OF LINE IEEE 802.1P, COS WR,SP AND FIFO QUEUE SCHEDULING ALGORITHM PORT RATE LIMIT
SAFETY	IEEE 802.1X, ACCESS CONTROL BASED UPON PORT; SUPPORT LOCAL AND REMOTE RADIUS. CHAP,EAP CERTIFICATION; STORM CONTROL, PORT PROTECTION,
MANAGEMENT	VARIOUS MANAGEMENT MODES SUCH AS WEB, TELNET DEBUG FUNCTION
ENVIRONMENT	OPERATING TEMPERATURE: $0^{\circ}\text{C} \sim 60^{\circ}\text{C}$; OPERATING HUMIDITY: $10\% \sim 85\%$ NON-CONDENSING STORAGE TEMPERATURE: $-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$; STORAGE HUMIDITY: $5\% \sim 95\%$ NON-CONDENSING
POWER SUPPLY	110~240VAC 12V/0.5A DC