iPASOLINK VR Functions / Features

Radio Features
- Full range of frequency (6GHz - 42GHz)
- QPSK - 4096QAM with AMR
- 7/14/28/56/112MHz
- 1+0, 1+1, N+0, 1+0 XPIC, 1+1 XPIC
- Radio Traffic Aggregation
- MIMO

Interface
- Max. 2(VR2) / 5(VR4) / 12(VR10) modem
- 10G optical (VR4 / VR10)
- FE/ GbE (RJ45, SFP)
- PoE
- TDM (E1/STM-1/STM-1 RST)
- CWDM passive filter support (VR4 / VR10)

TDM and Packet Features
- PWE
- ERPS
- ETH OAM
- Hi-QoS
- L2 pass through
- SyncE
- 1588v2 (TC, BC)
- MPLS-TP
- SDN
- E1 SNCP

Others
- Compatibility (w/iPASOLINK)
- Fanless (VR2)
- Universal slot modules (3 slots* / 14 slots**)
- Standard protocols (for management / control)

Specifications are subject to change without prior notice.
NEC’s state-of-the-art technology sustains flexible networks with optical and microwave radio that is adaptable to ever-changing societal needs, enabling telecommunication that everyone, everywhere, can enjoy.

iPASOLINK VR is a new-concept microwave and optical transporter that transcends the realms of traditional microwave equipment.

iPASOLINK VR leads the microwave radio industry with rich features and outstanding capacities. As a high performance device, it is capable of high capacity transport with optical and microwave, for a true carrier-grade converged node experience. Along with NEC’s SDN solution, iPASOLINK VR is ready for the 5G era, where new services and technologies revolutionize the mobile landscape.