

IPITEK

NEWSLETTER

**INTRODUCING THE NEW
IPISwitch OPTICAL PROTECTION SWITCH**



IPITEK is proud to introduce the new IPISwitch Optical Protection Switch. The IPISwitch platform provides a fully-managed, seamless solution to protecting transmission links against fiber breaks that will cause lengthy traffic disruption. The IPISwitch is compatible with all of IPITEK's digital and analog transport platforms, enabling a low-cost, feature-rich solution for optical path protection. Some key features of the IPISwitch Optical Protection Switch include:

- Each protection switch module contains a 50/50 splitter and a 1x2 switch to enable full 1+1 protection of a bi-directional point-to-point system.
- An IPISwitch chassis fits up to two optical protection switch modules, each providing full bi-directional path protection.
- Complete path protection switching in < 10ms.
- Remotely and locally configurable and fully managed through SNMP and TL1.
- Full optical power monitoring of both client side as well as working path and protection path.
- Ultra-wide input power range (-35dBm to +17dBm).
- For applications in both the 1310nm as well as the 1550nm range (1460-1620nm).

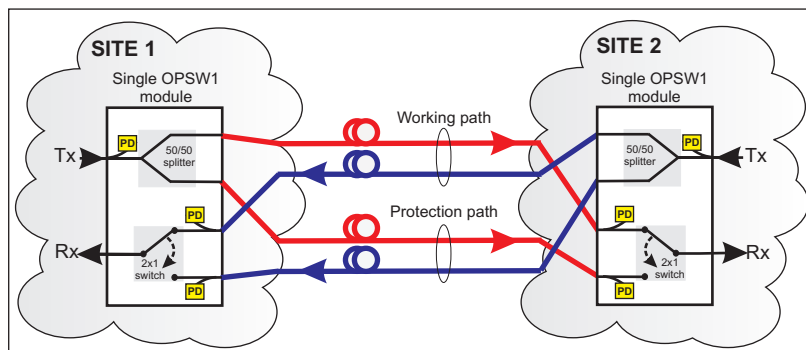
The IPISwitch platform is ideal for use with any of IPITEK's transport platforms. It is bit-rate agnostic, and can be used to protect paths carrying multiple wavelengths.

By employing the IPISwitch with the MSP-110, -220 and LSL-12 series, a straightforward solution for full optical path protection is achieved.

The HBR-2502 platform itself offers full 50ms SONET protection by populating the chassis with two VCX modules and two HSI modules for dual transmitter-receiver pairs. This is advantageous as it enables protection against transmitter-receiver failure as well as path protection. However, in cases where the former is not required and cost is an important factor, the IPISwitch can be used in conjunction with the HBR-2502 platform and a single HSI module, thereby offering a cost-effective solution for optical path protection.

The MSP-10GE also offers 50ms Pt-Pt protection. Again, if cost is an issue and longer-range links and/or multiple wavelengths need protection, the IPISwitch offers a cost-effective solution to protect against fiber breaks.

Contact us if you would like more details on how the IPISwitch platform or any of IPITEK's other products can improve your quality of service offerings to your in-house and external customers.



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