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cOS™ Pebble-2

REMOTE PHY DEVICE

The cOS Pebble-2 is the industry's leading Remote PHY Device (RPD) offering unrivaled power efficiency, versatility, and modularity. The Pebble-2 provides operators a small form factor, inter-operable device to support variants of DAA and integrate with third-party legacy nodes for an instant upgrade.

The modular Pebble-2 RPD gives cable operators more options to increase network agility. Pebble-2 will come in both DOCSIS 3.1 and DOCSIS 4.0 versions that each share a common form factor and hardware design. You can couple the Pebble-2 with the award-winning cOS™ virtualized core platform to even further reduce power, space and cooling costs. Pair the power-efficient Pebble-2 R-PHY device with Harmonic's unique Raft node adaptor kit to instantly upgrade your legacy optical nodes with zero modifications to the existing legacy node platform.
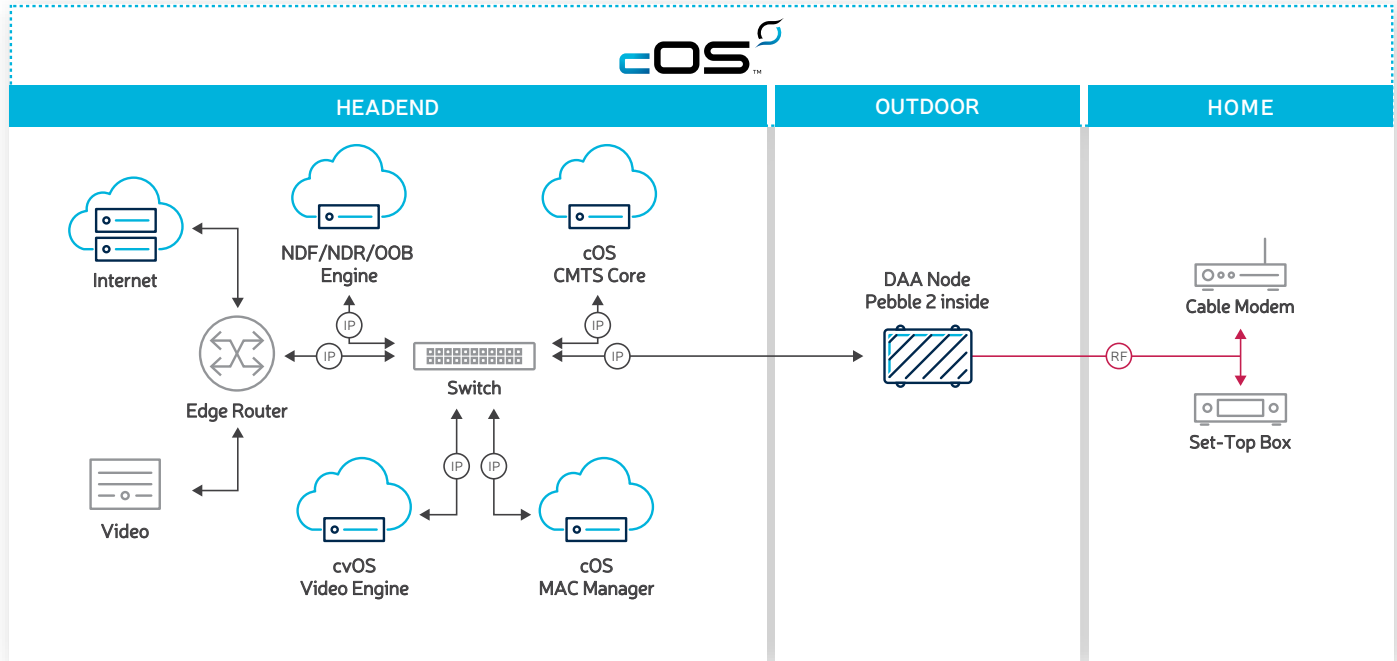
The power of Pebble-2:

- **Speed:** The Pebble-2 enables full spectrum to achieve fiber-like speeds with existing infrastructure.
- **Low power:** Advanced power management technology reduces node power requirements to offer the most power-efficient device in the industry.
- **CableLabs Remote PHY Compliant:** The Pebble-2 RPD is compliant with the CableLabs MHAv2, Docsis 3.1 and Docsis 4.0 specifications.
- **A modular form factor:** The Pebble-2 form factor is compatible with the Pebble-1 form factor and provides a growth path for existing nodes.
- **Upgrade path for legacy nodes:** The Pebble-2 DAA device can be deployed in third-party legacy nodes without any hardware modifications to simplify network evolution and offer readiness for future technologies.

HIGHLIGHTS

- Compact size and low power consumption
- Up to 2x4 DS to US service groups ratio
- Upgrade path for legacy and 3rd party nodes
- Superior RF performance

- 20-GbE throughput over two SFP+ Ports
- Precision IEEE 1588 PTP synchronization
- Digital Predistortion for significant reduction in a node power consumption
- Support for DOCSIS PNM

- Remote control via cOS Central management system and cOS CCAP Core
- Support for OOB protocols
- Integrated with leading 3rd party equipment for plant maintenance
- Compliant with the CableLabs MHAv2 specification for Remote PHY architectures

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DEPLOYMENT DIAGRAM

For more information, please contact us:
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