

RHINO GTO



Application: Business Ethernet Services **WAN Interface:** Point to Point single GigE or Gigabit E-Ring with Two GigE Ports **Service Ports:** Four 10/100 Ethernet Ports , Optional GigE Service drop when WAN is Point to Point GigE

Interoperable with: GigE ports on Ethernet switches (Cisco, Force10, etc.). GigE ports on Broadband DLCs (Occam, Calix, Tellabs, Alcatel), SONET/SDH platforms, GTO-R3 E-Ring

RHINO GTO-R3



Application: Business Services and FTTH E-Ring **WAN Interface:** Point to Point single GigE or Gigabit E-Ring with Two GigE Ports

Service Ports: Four 10/100 Ethernet Ports , Gigabit Ethernet Service SFP port

Interoperable with: GigE ports on Ethernet switches (Cisco, Force10, Foundry etc.). GigE ports on Broadband DLCs (Occam, Calix, Tellabs, Alcatel), SONET/SDH platforms, All RHINOs

RHINO ONT



Application: FTTH **WAN Interface:** Point to Point single Gigabit Ethernet **Service Ports:** Two VoIP to analog phone ports, Four 10/100 Ethernet Ports

Identical to: Occam 2342

Interoperable with: GigE ports on Ethernet switches (Cisco, Force10, etc.). GigE ports on Occam BLC6000,

RHINO ONT-H



Application: FTTH **WAN Interface:** Point to Point single Gigabit Ethernet **Service Ports:** Two VoIP to analog phone ports, Four 10/100 Ethernet Ports, One HPNA 3 Lowband coax port

Identical to: Occam 2343

Interoperable with: GigE ports on Ethernet switches (Cisco, Force10, etc.). GigE ports on Occam BLC6000,

RHINO ONT-100



Application: FTTH **WAN Interface:** Point to Point single Gigabit or 100Mbps Ethernet **Service Ports:** Two VoIP to analog phone ports, Four 10/100 Ethernet Ports,

Identical to: unique

Interoperable with: GigE or 100Mbps on Ethernet switches (Cisco, Force10, etc.). GigE or 100Mbps ports on Calix C7

RHINO ONT-100-HM



Application: FTTH **WAN Interface:** Point to Point single Gigabit or 100Mbps Ethernet **Service Ports:** Two VoIP to analog phone ports, Four 10/100 Ethernet Ports, One HPNA 3 Midband coax

Identical to: unique

Interoperable with: GigE or 100Mbps on Ethernet switches (Cisco, Force10, etc.). GigE or 100Mbps ports on Calix C7

RHINO OSG or OSG-HM



Application: FTTH **WAN Interface:** Gigabit E-Ring uses Two GigE Ports **Service Ports:** Two VoIP to analog phone ports, Four 10/100 Ethernet Ports,

Identical to: unique

Interoperable with: GigE ports on Ethernet switches (Cisco, Force10, Foundry, etc.). GigE ports on Broadband DLCs (Occam, Calix, Tellabs, Alcatel), SONET/SDH platforms, RHINO GTO-R3

RHINO OSG-H or OSG-HM



Application: FTTH **WAN Interface:** Gigabit E-Ring uses Two GigE Ports **Service Ports:** Two VoIP to analog phone ports, Four 10/100 Ethernet Ports, One HPNA 3 Lowband or Midband coax

Identical to: unique

Interoperable with: GigE ports on Ethernet switches (Cisco, Force10, Foundry, etc.). GigE ports on Broadband DLCs (Occam, Calix, Tellabs, Alcatel), SONET/SDH platforms, RHINO GTO-R3

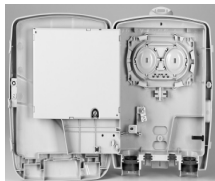
RHINO IPC



Application: IP Video Cameras, FTTH MDU **WAN Interface:** Point to Point single Gigabit or Gigabit E-Ring **Service Ports:** Four 10/100 Ethernet Ports, One HPNA V3.1 port MDU enabled

Interoperable with: GigE ports on Ethernet switches (Cisco, Force10, Foundry, etc.). GigE ports on Broadband DLCs (Occam, Calix, Tellabs, Alcatel), SONET/SDH platforms, RHINO GTO-R3

RHINO Outdoor Enclosures



Application: All outdoor or environmentally hardened situations **Cable Interface:** Fiber Drop cables for Splice/Connectors, OptiTap Connector optional Ground connection, cables to home

Optical connector bulkhead: dual LC to LC connectors standard

Identical to: Corning OptiWay enclosure

Interoperable with: All FTTH network construction practices

UPS Power Supply



Application: Power holdover for RHINO +12V input **AC Interface:** 87-246VAC 40-70Hz

Alarm Ports: On Battery, Replace Battery, Battery Missing, Low Battery

Identical to: CyberPower CS24U12V

Interoperable with: All RHINOs with 12V input connector

Optical SFPs



Application: All optical RHINO WAN and GigE ports **Speed:** 100Mbps and 1Gbps

Media types: Single mode: single fiber, dual fiber, Multimode dual fiber, Cat5e

Features: ReadyLinks SFPs have industrial temperature specs and are cost effective

Interoperable with: All ReadyLinks SFP slots, several GigE or 100Mbps on Ethernet switches (Force10, Foundry, etc.), several Broadband DLCs (Occam, etc.)

Note: specifications are subject to change. v1