

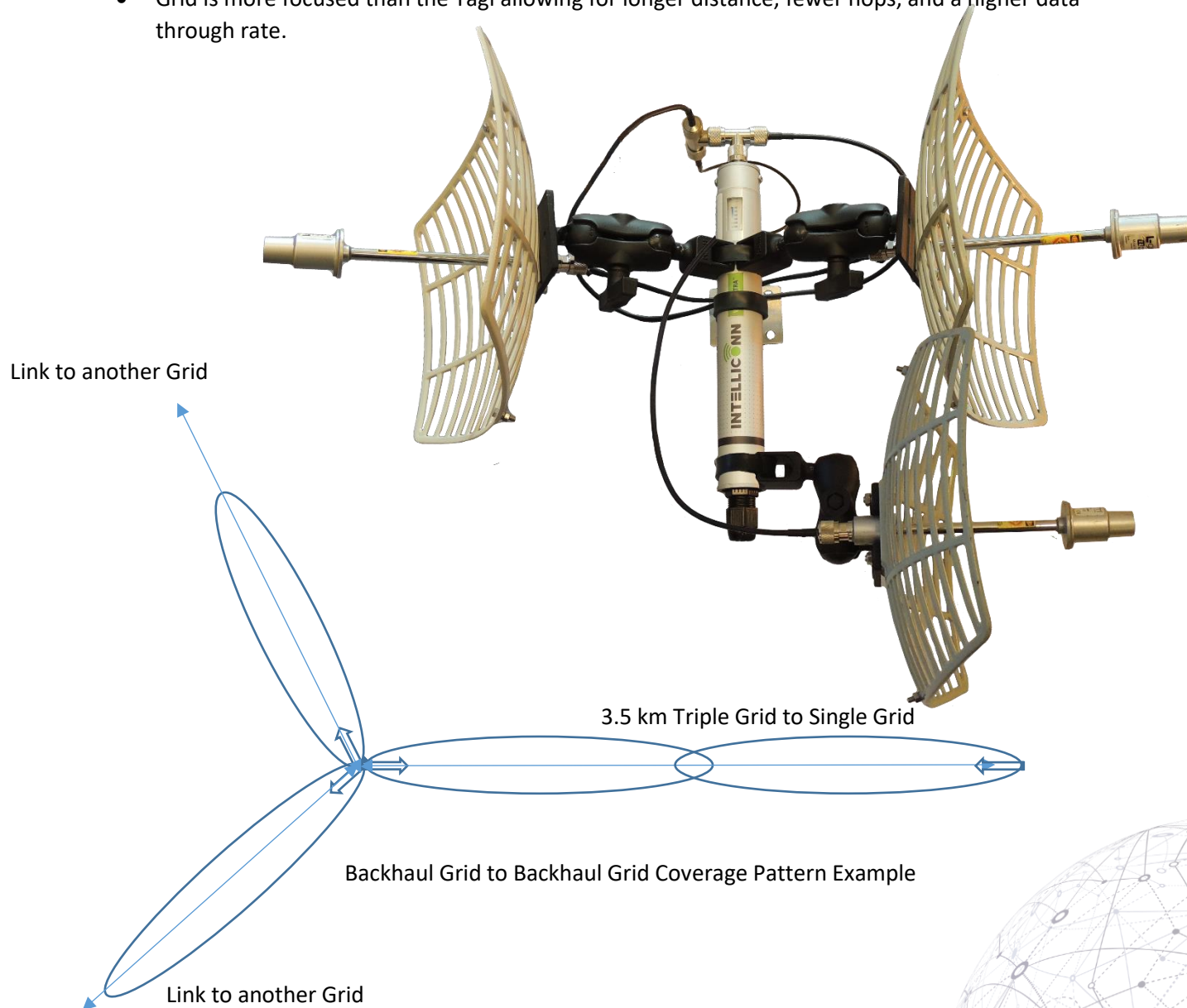
HM-B-DG3-1008 – hyMesh™ Backhaul with 3 Directional Grid Antenna

Description:

- A high performance hyMesh™ product with three grid antennas
- Designed for a reliable and fast data connection when it matters most.
- Provides a focused high speed data link between critical sites.

Application:

- A distribution point connection link from the ISP Hub, splitting the signal in two directions while still communicating back along the path to the internet Gateway.
- Grid is more focused than the Yagi allowing for longer distance, fewer hops, and a higher data through rate.



Installation Considerations:

- Three antenna configuration can be used to reach two end point clients or branch out to reach two new clusters of service clients.
- Typically, 3-4 km connectivity, dependent on the antenna configuration on the other end of the link.

Specifications:

hyMesh™ Firmware	4.8.1 (June 8 2016)
Networking interface	1 x 10/100 BASE-TX (Cat. 5, RJ-45) Ethernet
Wireless Approvals	FCC Part 15.247, IC RS210, CE
Dimensions	Backhaul, no antenna: 13.5"x1.6" / 340mm x 40mm Antenna, each: 11.8"x15.8"x10.5" / 300mm x 400mm x 270mm
Weight	8.6lb / 4.0kg
Enclosure	Aluminum
Operating Frequency	5745MHz-5825MHz
Power Method	Passive PoE (Pairs 4, 5+; 7, 8 Return)
Power Supply	15V 12W PoE Adapter Included
Avg Power Consumption	3W
Antenna Gain	22dBi
Antenna Polarization	Vertical or horizontal
Antenna Frequency	4900MHz - 5850MHz
Vertical / Horizontal Beamwidth	12° / 10°
VSWR	<1.5

22dBi Grid Antenna Gain Pattern

