

WIRELESS BRIDGES

Secure links
Fast throughput
PtMP, PtP and Pt2P

NETWORK DESIGN

Security 802.11i
Data speed
Reliability

NETWORK INSTALL

Experienced Installers
Minimum down time
802.11t

SECURITY TESTING

Full security testing
Ensure your security
WEP, WPA, 802.1X, 802.11i

HOTSPOT SOLUTIONS

Offer internet access for visitors
Attract more business visitors
Increase your company profile
Retain 100% of revenue!

DigitalAir



ZONE

Wireless Bridging Solutions

DATA SHEET

DigitalAir have a variety of wireless indoor and outdoor bridging solutions using 2.4Ghz and 5Ghz frequency's.

Our bridging solutions include outdoor bridge and antenna placement to mounting sector antenna's for PtMP connections. If the area to be bridged is small and requires a simple approach then our outdoor bridge with built in 8dBi antenna's will perform the job perfectly.

If the bridge link is to be established is outside then a PoE bridge solution with external directional antenna's will be used. All bridge links can use the 2.4Ghz or 5Ghz frequency's depending on the RF environment. Connection data rates of up to 108Mbps can be achieved with today's wireless equipment, which means that no longer do you have to reply on slow connections to your connected office!

PtP Point to Point:

Connect two locations together with a dedicated link with up to a 108Mbps connection.

PtMP Point to Multi Point :

Connect several locations together with a point to multi point link with connections speeds of up to 108Mbps.

Bridging two buildings together can be a difficult and technical exercise with many obstacles to overcome. Busy 2.4Ghz environments can often prove impossible to operate in with obstacles in your LOS (line of sight) or fresnel zone blockage that need to be removed. DigitalAir will survey your wireless link before you start and we will calculate to see if the link is vi-

We will calculate the following items:

- Fresnel Zone
- Link budget
- SOM (system operating margin)
- Free space path loss
- RSSI (Received signal strength indication)



Workgroup Bridges:

If you are looking to connect a series of wired clients then a wireless workgroup bridge solution will give you the mobility that you require. Such examples of this are; temporary classrooms, building sites or remote campus locations.

Registration of 5Ghz Band C bridge link:

DigitalAir will help you register your bridge link with Ofcom in regards to the 5Ghz band C.

If you are interested in an wireless bridge solution please give us a call.

