



technical



BlueCasting



The BlueCast server consists of a custom-built thin client controller unit coupled with our patented BlueCast Aerial housed in a variety of casings.

The unit can be easily installed and secured in a wide variety of locations using a range of mounting brackets.

Using the latest high-speed Bluetooth 2.0+EDR technology, the system uses BlueCastNet to allow simultaneous sends to literally any number of devices, shared across a number of servers.

Depending on the client device, the BlueCast server is able to deliver the following types of file:

- Text [TXT, RTF]
- Still Image [JPEG, GIF]
- Animation [Animated GIF or Flash movie]
- Audio [MIDI, 3GP, WAV]
- Video [3GP, MP4, Windows Media, Real, QuickTime]
- WAP Deck [WML]

Depending on the client device, the BlueCast server will deliver content at a data rate of between 15k and 50k per second - up to 20 x faster than GPRS or 5 x faster than UMTS.

BlueCast Controller

Pentium processor
512Mb RAM
40Gb Hard Disk Drive

BlueCast Aerial

Bluetooth 2.0 + EDR qualified
Class 1 [up to 100 meters range]

Operating Systems

Linux
BlueCast Core

System Dimensions

150mm [W] x 120mm [H] x 50mm [D]

Weight

2.75Kg excluding external mounting bracket

Electrical and environmental requirements

Line voltage: 100V to 240V AC
Frequency: 50 to 60Hz
Operating temperature: -13° to 113° F (-25° to 45° C)

Network Requirements

10/100 Base-T Ethernet via RJ-45 connector

Other Connectivity

Serial Ports for Keyboard and Mouse
USB Port for Datakey or other USB peripherals
VGA Port for video display

For technical enquiries, please email:
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