

# FUTURLINK AP400



The **FuturLink AP400** is an advanced hardware for sending multimedia content to mobile phone users.

### Key Features

- Content Distribution to mobile phones via *Bluetooth®* and *Wi-Fi*
- Advanced *Hi-Speed Processor*
- 3 *Bluetooth 2.0* chipsets enabling up to 21 simultaneous connections or up to 84 adding FuturLink AP300x
- Possibility to increase simultaneous *Bluetooth* connections using FuturLink AP300x
- *Class 1 Bluetooth* (Coverage up to 100 meters)
- Advanced *Wi-Fi* module
- Remote on-off mode
- *In-built UPS* module to control system shutdown
- FuturLink APSuite Lite or FuturLink APSuite Advanced needed to manage and configure the FuturLink AP400 and deploy Proximity Marketing Campaigns

The FuturLink AP400 is FuturLink's most **advanced Proximity Marketing Solution**. Its **elegant design and slim hardware** makes it easily installable and implemented in out-of-home environments.

The FuturLink AP400 has an **efficient motherboard** and a **high system memory** that ensures high-speed execution of applications. Its **embedded Operating System** supports the management of remote and centralized Access Points, Content and Statistics.

For **content storage**, the FuturLink AP400 is integrated with an Industrial Compact Flash card to manage one or more campaigns simultaneously.

FuturLink AP400's **Bluetooth coverage can be configured from 3 to 100 meters**. However, the practical distance is limited to 20-30 meters as sending of content also depends on the *Bluetooth* coverage of mobile phones and interference from obstacles.

An **advanced Wi-Fi module** allows local

interaction with *Wi-Fi* enabled mobile phones.

The Access Point also allows for **Ethernet and 3G/GPRS** connections enabling communication with the FuturLink APSuite and with the Application Service Provider (ASP) in case of the Advanced version. Standalone mode is also supported allowing a Proximity Marketing action without the need for an internet connection.

Another highlight of FuturLink AP400 is the ability to recognize 1,300 mobile phone models.

The hardware has an **in-built UPS module** which controls the system shutdown to protect users from loss of valuable data at all times. A remote on-off mode is offered to **save power** and also from **programmed power cuts**.

The **FuturLink AP400** is a result of FuturLink's leadership in innovation and its continuous effort to be one step ahead in Mobile Proximity Marketing Solutions.



# FUTURLINK

## AP400

### Technical Specifications

<b>Model</b>	<b>FuturLink AP400</b>
<b>System</b>	
CPU	AMD Geode LX CPU 500 MHz
System Memory	256 MB DDR DRAM
BIOS	tinyBIOS
<b>Storage</b>	
HDD/Flash Memory	2GB Industrial CF Card. 400MB available for content
<b>Wireless Proximity</b>	
<i>Bluetooth</i> connectivity	3 <i>Bluetooth</i> 2.0 chipsets
<i>Bluetooth</i> simultaneous connections	Up to 21 simultaneous connections.
Expansion of <i>Bluetooth</i> connections	Up to 3 AP300x can be connected to FuturLink AP400 enabling up to 84 simultaneous connections
<i>Bluetooth</i> Transmission Power	<b>Class 1 (from 1 to 100 meters)</b>
<i>Bluetooth</i> Coverage	<b>Mobile Phone Dependent</b> Class 1 Mobile Phone: normally 100 meters Class2 Mobile Phone: normally 30 meters
Wi-Fi module	Wi-Fi 802.11b/g to interact with advanced Wi-Fi mobile phones
Handset compatibility	More than 1,300 certified Bluetooth and/or Wi-Fi mobile phone models
<b>External I/O Ports</b>	
LAN (10/100 Mbps)	2 Ethernet 10/100
USB	2 ports v2.0 i.e. To connect 3G/HSPDA USB modem
Serial/COM	Serial Port
DC Jack	DC Jack or passive POE, min. 9V to max. 20V
UPS unit	Integrated UPS system for power failures. Uses a rechargeable 9V battery
<b>Control</b>	
Lateral LEDs	4 Status LEDs
On/Off	On/Off Switch
<b>Internal interface</b>	
USB	1 port v2.0 i.e. To connect 3G/HSPDA USB modem
Mini-PCI	2 Mini-PCI slots
<b>Power</b>	
Consumption	< 9 W
AC/DC Adapter	<b>Input Voltage:</b> 100-240 V AC - <b>Frequency:</b> 47 - 63 Hz - <b>Output Voltage:</b> 18 V DC 800mA
<b>Environment</b>	
EMC & Safety	CE and FCC certified
Operating Temperature	0° C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to -60°C (-4°F to 140°F)
Operating Humidity	5%-95% RH non condensing
Storage Humidity	5%-95% RH non condensing
<b>Others</b>	
External Dimension (W x D x H)	236 X 268 x 64 mm
Weight (without accessories)	700 g/1,54 lbs
Housing	ABS Plastic Housing
Mounting	100mm x 100mm Standard VESA mounting holes
OS	Linux Embedded
Frontal cover	Optional Customization

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