

Flamingo

Wireless Remote Monitoring Solutions

APPLICATIONS

- Telecom Mgmt
- Industrial/Health Monitoring
- AMR
- UPS Monitoring
- Battery Monitoring

KEY FEATURES

- CDMA/GSM/GPRS/HSPA
- Open Python SDK for customization
- Over the air configuration/Diagnostics
- Zigbee
- Optional backup battery
- Digital and Analog I/Os
- Event based alerts over SMS
- Reliable communication over TCP/UDP



Flamingo...Latest in Remote Monitoring

Flamingo family of remote monitoring products from Nimble Wireless provides a unique combination of superior performance, flexibility, reliability in a small form factor.

Flamingo family of products can be used in multiple applications including Telecom monitoring and management, solar Panel monitoring, UPS Monitoring and various Industrial monitoring applications

Intelligent and Flexible I/O Interfaces

Flamingo family features up to 5 digital I/Os and 1 analog I/O to enable external event monitoring and control. I/Os can be flexibly programmed to monitor various sensors for various conditions and events can be generated for customized applications.

Additionally, Flamingo supports low power Zigbee technology for external sensors. Customers can configure various Zigbee sensors such as temperature, moisture, humidity etc and generate events based on sensor inputs. Low power management of Flamingo combined with Zigbee's inherent low power advantage enables battery based operation for prolonged periods.

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Flamingo

Applications

Flamingo enables various applications like Telecom site monitoring, UPS monitoring, industrial monitoring etc with very flexible I/O management. Additional flexibility is provided by over the air configuration of monitoring parameters. Furthermore, Zigbee adds low power way of adding additional sensors.

Specifications[#]

PHYSICAL DIMENSIONS

Flamingo Z10 –C/G/H: 114 x 63 x 31 mm

DATA SPECIFICATION

CDMA 1xRTT - Dual band (US/India 800/US1900 Mhz) - 153Kbps DL/76.8Kbps UL)
GSM/GPRS Quad Band 850/900/1800/1900
GPRS Class 10, upto 85.6kbps DL

BATTERY LIFE

Optional up-to 1750mAh

GPS (Optional)

On CDMA versions only

INTERFACE

Host :RS232 (USB Optional)
Data Protocols : IPv4, TCP/IP, UDP

CELLULAR NETWORKS

CDMA1xRTT (US Cell/PCS bands)
GSM/GPRS (Quad band)
HSPA (Tri-band/Quad bands)

ENVIRONMENT

Operating : -10C to +60C
Storage : -20C to +75C

POWER

DC Input :12– 24V/1.5A
(Optional Higher voltage support)

External Sensors Support (optional)

Temperature/Motion/Fluid/Relay sensors & control

CUSTOMIZATION SERVICES

Software and Hardware customization services available

Model	Flamingo Z10-C	Flamingo Z10-G	Flamingo Z10-H
DIMENSIONS	114 x 63 x 31 mm	114 x 63 x 31 mm	114 x 63 x 31 mm
Network	CDMA	GSM/GPRS	HSPA

Preliminary – subject to change

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