

AVIDdirector® Model 200



There are 3 main advantages that bring AVIDdirector to the forefront of M2M solutions that save you both time and money:

Flexibility – With multiple methods of wired and wireless I/O you can connect AVIDdirector to virtually any type of machine. The decision is up to you.

Intelligence – AVIDdirector has the intelligence to know who, what, when, where and how to send and receive data that is vital to your business. We have you covered.

Dynamically Programmable – AVIDdirector gives you and your staff the ability to update and configure your equipment and resources remotely from the convenience of your office. You save time and money.

AVIDdirector provides you with a powerful yet flexible platform that can handle machines, control, telemetrics or mobile applications. AVIDdirector is based on a powerful 160 MIPS real-time Java processor running an extended version of J2ME. This allows applications to be developed with a minimum amount of effort using our standardized software framework, or you can leverage your existing wireless Java software and tools to develop a customized application.

Features

Flexible Interfaces

- § 22 TTL level I/O lines configurable as:
 - 4 Analog In/Out (ADC12, DAC6)
 - 8 Analog In (ADC12)
 - All are capable of Digital In/Out
- § Cypress PSoC I/O Processor with mixed Analog and Digital blocks
- § 7 RS-232 lines on DB-9 and DB-37, supporting 1 or 2 serial connections
- § 2 pins for I²C
- § USB Terminal console

Intelligent

- § A high-performance Java based platform featuring the Imsys Technologies Cjip Processor
- § Intelligently gathers, analyzes and processes information to maximize bandwidth

Configurable

- § Add Up to 100 AVIDSmartSensors
- § Internal GPS option available
- § Flexible sensor data acquisition

Rugged

- § Built to work in -40° to 85° C with no ventilation required
- § All inputs are protected

Expandable

- § Open architecture for user developed boards
- § Available operator terminal unit

Wireless Networks

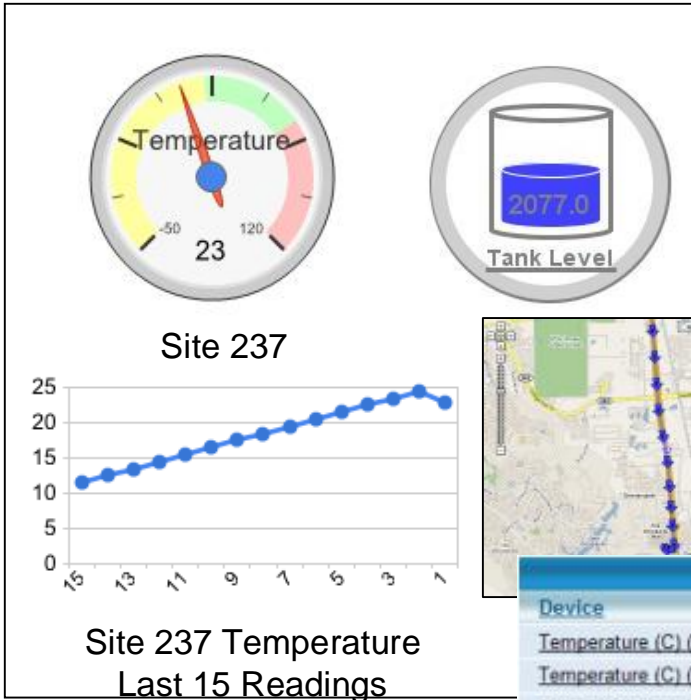
- § Cellular Networks:
GSM/GPRS/EDGE, iDen, CDMA/1xRTT, LTE
- § Unlicensed ISM Bands:
WiFi (802.11), 400, 900 & 2.4 GHz ISM
- § ShortRange Wireless:
Bluetooth, ZigBee, ZWave



AVIDwireless
2129 Martin Dr. Ste 200
Bedford, TX 76021
817-510-5301

Email:
sales1@avidwireless.com
Website:
www.avidwireless.com

AVIDdashboard Monitor & Control Web Portal



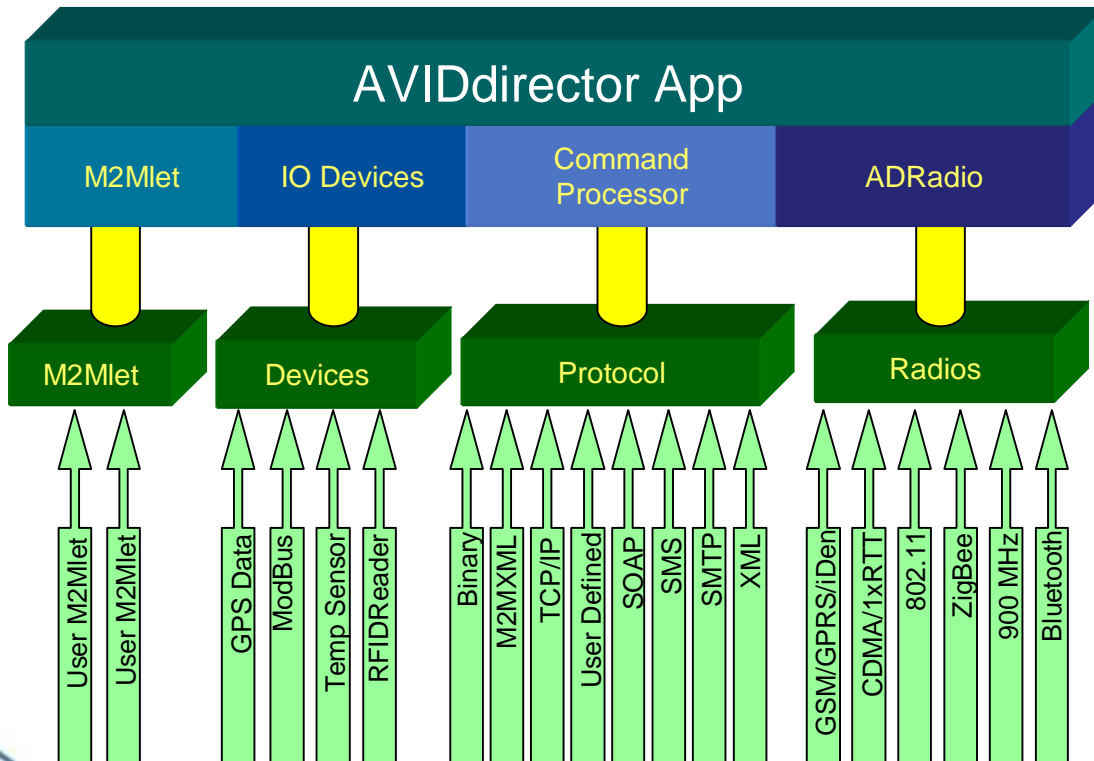
- § Run from any web enabled PC
- § Secure user logins
- § Monitor and control remote locations
- § Track remote assets or personnel
- § Instant feedback from wireless sensors or wired sensors connected to AVIDdirector
- § 4 automatic graphing options on any data

- § Graphical display of important information for ease of use
- § Alerts and Alarms (SMS, Email or Command based)
- § Create logical groupings of locations or AVIDdirectors for review and sending group commands

AVIDdirector Readings		
Device	Value	Reading Type
Temperature (C) (TEMP_	23.000000	analog
Temperature (C) (TEMP_	36.000000	analog
Wind Direction 237	86.000000	analog

AVIDdirector Application Framework

AVIDdirector has a built-in application framework that can be easily configured or modified to create intelligent applications for your remote monitoring and control needs. The framework has a plug-in architecture and includes drivers for most common sensors and radios. Also included in the framework is an embedded TCP/IP-stack with Telnet, FTP and Web servers. The framework works with all the free standard Java development tools; e.g., Eclipse, NetBeans, Sun Java JDK and optional IDE's are available for Java, C and Assembler debugger and KNI Native Interface



AVIDwireless
2129 Martin Dr., Ste 200
Bedford, TX 76021

Phone: 817.510.5301
Email: sales1@avidwireless.com
www.avidwireless.com