



### **Ultra Rugged. Open to Options.**

Enable your Archer Field PC to use both CF & SD peripheral devices. Simply plug the cards in and attach the appropriate extended cap. They are fully sealed and shockproof — giving you peace of mind while working in pouring rain, snow, blowing dust, or when the unit is accidentally dropped. The system is *rock solid and field ready*.



## **Communication Cap**

### **Features »**

Specially designed for use with wireless communication CF or SDIO peripheral devices. These devices include cellular modems, Wi-Fi, and Class 1 Bluetooth cards. This cap is ideal for users seeking a compact, ultra-rugged solution for wireless communication.



### **Land Survey Application »**

A surveyor stakes precise project layout positions. The real-time GPS corrections from a local Virtual Reference Station are received from a cellular network using the Archer with a CF cellular modem card. These corrections are applied to the GPS positions, resulting in greater accuracy when staking out the construction project.



## **Universal Cap**

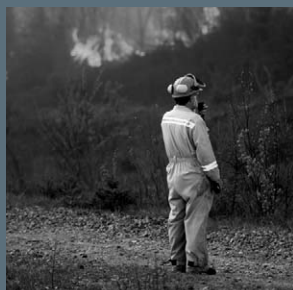
### **Features »**

Use with large peripheral devices such as GPS receivers, and RFID cards. The unique card restraint design prevents cards from dislodging if dropped. This cap also functions with all Communication Cap devices.



### **Forest Fire Application »**

A fire fighter maps the perimeter of a fire line using the Archer with a CF GPS receiver. The calculated burned acreage is immediately reported to the fire command headquarters. Resource decisions are made based on the latest fire behavior.





# Optical Cap

## Features »

Optimized for use with a bar code scanner. The bar code scan window is machined from red CR39 scratch-resistant plastic and set at the optimum scan angle. This design improves bar code scan performance in harsh environments. This cap also functions with most Universal Cap devices.



## Agriculture Research Application »

A corn breeder scans the plot ID tag with the Archer's CF bar code scanner to verify the correct field plot number. Hybrid corn harvest traits including stalk lodging count, root lodging count, and gray leaf spot rating, are recorded using Field Research Software running on the Archer.



# Data Acquisition Cap

## Features »

Specifically built for the National Instrument CF-6004 Data Acquisition Card. The CF-6004 features 14-bit resolution and up to 132 kS/s aggregate sampling on four analog input channels. The cap features a 15-pin sealed connector and a built-in wire harness for the card.



## Vehicle Test Application »

A test engineer records the motorcycle brake temperature and pressure using the Archer with the National Instruments CF-6004. The real-time test feedback is used to tune the performance for optimum results.

**Applications are endless... What are yours?**

## SELECTION CHART

### CF & SDIO CARDS

	COMMUNICATION		UNIVERSAL		OPTICAL	DATA ACQUISITION
WiFi	×	×	×	×		
Cellular Modem	×	×	×	×		
Bluetooth (Class 1 or 2)	×	×	×	×		
GPS Receiver		×				
Bar Code Scanner				×		
RFID Scanner		×	×			
NI CF-6004						×
CF Memory Card	×	×	×	×		
SDIO Memory Card	×	×	×	×		×



TEL 435.753.1881

FAX 435.753.1896

E-MAIL [js@junipersys.com](mailto:js@junipersys.com)

WEB [www.junipersys.com](http://www.junipersys.com)