

Product: Gryphon™ I GM4100/BC4010 Base Station

General Availability: January 29, 2010

Product Bulletin Number: PB20100122

Public Announcement: February 5, 2010

Dated: January 22, 2010

Introducing the Gryphon™ I GM4100 Base Station with New Anti-Counterfeit Feature

Overview

Datalogic Scanning is happy to announce the Gryphon I GM4100 Base Station is now available in a model with Counterfeit Money/ID Document detection. Both the 433 MHz and 910 MHz models are available with this new and unique capability.

This solution will offer the same features as the standard Gryphon GM4010 Base Station, plus it will provide a simple solution to verify authenticity of Bank Notes and ID Documents, as well as the ability to detect a variety of key identifiers on any currency or document. This will allow the use of the scanner for additional activities besides data capture and provides additional savings to our customers in terms of:

- The cost of an additional device for this purpose
- Highly valuable counter space
- Electronic detection for counterfeit currency, which has been up to the user to visually search for flaws in the currency



The BC4010 Gryphon Base Station is available with a UV Counterfeit Detector, typically used to verify the authenticity of Bank Notes. Other uses for the counterfeit detection include verifications on Passports, Travel Tickets, Credit Cards, Travelers Checks, Event Tickets and similar applications where it is possible to detect fluorescent marks using a UV light. The BC4010 Counterfeit Detector has the ability to detect a variety of key identifiers on any currency and document. It is based on UV fluorescent emission and contains eight special UV LEDs. Authentic Bank Notes, under ultraviolet rays, usually *reflect* the UV light and will show special markings made visible with fluorescent inks. Most counterfeit Bank Notes will *absorb* the UV lights without showing the fluorescent marks.

Using this new feature is very simple: a button located on the base station turns on the UV LEDs. Operators should then hold the item to be verified under the LED lights to ensure that the special fluorescent marks becomes visible. The LEDs are set to switch off automatically after approximately 2 minutes. By pressing the button a second time within 10 seconds will keep the UV LEDs lit for an indefinite period of time. To turn them off, simply press the button again.

Technical Specifications

Shown below are the technical specifications relating to the Counterfeit Detector only. Features related to the Gryphon I GM4100 Base Station remain the same as the standard model.

- Peak Wavelength: 375 nm
- Optical Power: 19-26 mW @ 20 mA
- Field of View (FoV): 20°

Note:

1. An external 12 VDC power supply is necessary for full functionality of the Base Station with the UV Counterfeit Detector.
2. Judgment on of the authenticity of Bank Notes and ID Documents remains under the operator's responsibility. The BC4010-BK-433/910-CF provides a visual guide which operators must recognize to determine currency and/or ID authenticity.

Target Markets and Applications

Retail / POS: Customer Check-Out and Verification of Currency/Checks

Please refer to **Product Bulletin PB20090508** to see in detail all the features that make the Gryphon GM4100 reader the ideal solution for POS/In Store applications. By adding the Counterfeit Money/ID Detection feature, the Gryphon GM4100 reader becomes a unique and unbeatable solution able to attract any retailer and satisfy their present and future needs.

Government: Document Handling and ID Controls

In the Government sector, an additional feature which can quickly control ID Documents adds a new solution which is difficult to be matched by any of our competitors.

Models Available

Part Number	Description	Available
BC4010-BK-433-CF	BC4010-COUNTERFEIT DETECTION, IBM I/F, BK 433 MHz	January 29, 2010
BC4010-BK-910-CF	BC4010-COUNTERFEIT DETECTION, IBM I/F, BK 910 MHz	January 29, 2010

Critical Dates

General Availability is currently planned for **January 29, 2010** and the **Public Announcement** is scheduled for **February 5, 2010**.

At the General Availability date, we will have a limited amount of stock on hand for this product and our capacity may be limited based on demand ramp-up on the different models. However, significant volume orders will be built as orders are received.

Accessories

The Gryphon BC4010-BK-433/910-CF shares the same cables, power supplies, stands and holders used for the standard Gryphon™ GM4100 readers.

Service and Technical Support

All models of the Gryphon™ GM4100 base stations including the bases with the Anti-Counterfeit feature come with a standard 3-Year factory warranty. Service will be provided either by Datalogic Scanning or Datalogic Scanning Authorized Service Providers.

For More Information

Please contact your local Datalogic Scanning office.