

Stealth Series Part Number	Stealth Bio 900W2030	Stealth Dual 900W2036	Stealth Lite (Dual) 900W2037	Stealth 900W2026	Stealth Lite 900W2027
					
Biometrics	Fingerprint				
Card Read Interface	Dual	Dual	Dual	Contactless	Contactless
PIN Entry	Keypad	Keypad	No	Keypad	No
Status Indicators	Yes + Access Light Bar	Yes + Access Light Bar	Access Light Bar	Yes + Access Light Bar	Access Light Bar
Footprint	7 X 3 inches	5.5 X 3 inches	5.5 X 3 inches	5.5 X 3 inches	5.5 X 3 inches

Reader Authentication Modes		Card Only	Card + PIN	Card + Bio	Card + PIN + Bio	TWIC Modes (CAK)	PIV Modes (CAK)	PIV Modes (PKI)
Communications Interface								
Wiegand Only	(select one mode only)	X	X	X	X			
Wiegand + RS-485	Control Authentication Modes Veridt Reader Service	X	X	X	X	X	X	X
Veridt / EWAC	Control Authentication Modes Veridt Reader Service	X	X	X	X	X	X	X
HID / PAM	Control Authentication Modes Binary Reader Service	X	X	X	X	X	X	X

**Reader Authentication Options for Non-FICAM and FICAM Operation**

Stealth Series Part Number	Stealth Bio 900W2030	Stealth Dual 900W2036	Stealth Lite (Dual) 900W2037	Stealth 900W2026	Stealth Lite 900W2027
<b>NON – FICAM Operation</b> <i>[Select CHUID or BIO mode]</i>	<ul style="list-style-type: none"> <li>•CHUID (Reads FASC-N for PIV or GUID for PIV-I)</li> <li>•In CHUID mode PACS PIN is a pass through.</li> <li>•BIO (Reads CHUID, reads INCITS 378 data file).</li> </ul>	<ul style="list-style-type: none"> <li>•CHUID (Reads FASC-N for PIV or GUID for PIV-I)</li> <li>•In CHUID mode PACS PIN is a pass through.</li> </ul>	<ul style="list-style-type: none"> <li>•CHUID (Reads FASC-N for PIV or GUID for PIV-I)</li> </ul>	<ul style="list-style-type: none"> <li>•CHUID (Reads FASC-N for PIV or GUID for PIV-I)</li> <li>•In CHUID mode PACS PIN is a pass through.</li> </ul>	<ul style="list-style-type: none"> <li>•CHUID (Reads FASC-N for PIV or GUID for PIV-I)</li> </ul>
<b>Transitional Operation</b> <i>[Customer Issues Credential]</i>	<ul style="list-style-type: none"> <li>•DESFire with Triple DES encryption (symmetric key).</li> </ul> <p>Reads Card Serial Number</p>	<ul style="list-style-type: none"> <li>•DESFire with Triple DES encryption (symmetric key).</li> </ul> <p>Reads Card Serial Number.</p>	<ul style="list-style-type: none"> <li>•DESFire with Triple DES encryption (symmetric key).</li> </ul> <p>Reads Card Serial Number.</p>	<ul style="list-style-type: none"> <li>•DESFire with Triple DES encryption (symmetric key).</li> </ul> <p>Reads Card Serial Number.</p>	<ul style="list-style-type: none"> <li>•DESFire with Triple DES encryption (symmetric key).</li> </ul> <p>Reads Card Serial Number.</p>
<b>FICAM Operation</b> <i>[Reads card per FICAM specification].</i>	CHUID/CAK/PKI/BIO	CHUID/CAK/PKI	CHUID/CAK	CHUID/CAK	CHUID/CAK



## MultiMode Stealth Series Product Selection Guide

### Specifications

Model Name	Stealth Bio	Stealth Dual	Stealth Lite (Dual)	Stealth	Stealth Lite		
Part Number	9000W2030	900W2036	900W2037	900W2026	900W2027		
Configuration	MultiMode™ Stealth Design Architecture						
Biometric	Fingerprint	No	No	No	No		
Keypad	Illuminated with tactile feedback		No	Illuminated with tactile feedback	No		
Status Indicators	LED & Light Bar		Light Bar	LED & Light Bar	Light Bar		
Card Read Interface	Dual: Contactless & Contact			Contactless			
Transmit Frequency & Standards	ISO 14443 (13.56 MHz contactless with Optimized RF Tuning) & ISO 7816 (Contact)						
Communications Interface	Wiegand & RS-485 with Secure Protocols						
Credentials	MIFARE/DESFire, DESFire EV1 CAC (all versions in circulation including non-PIV formatted credentials), PIV, PIV-I, CIV (PIV-C) TWIC, FRAC						
Authentication Modes	Card Only ,Card+PIN, Card+BIO,Card+PIN+Bio	Card Only, Card+PIN	Card Only	Card Only, Card+PIN	Card Only		
High Assurance Modes	CHUID/CAK/PKI	CHUID/CAK/PKI	CHUID/CAK	CHUID/CAK	CHUID/CAK		
High Assurance System Requirements	Veridt EWAC (900M2000) or HID PAM (M2000)						
Dimensions	18.0cmX7.5cmX4.0cm 7.1"X2.9"X1.5"		14cmX7.5cmX4cm 5.5"X2.9"X1.5"				
Weight	454gm 1.0 lb.		320gm 0.70 lb.				
Mounting	Single Gang Size						
Color	Black						
Housing Material	Polycarbonate Blend: meets all ISO, UL & IES requirements						
Power Requirements	12V at 400ma		12V at 300ma				
Operating Temperature	-40° to +158° F (-40° to +70° C)						
Operating Humidity	5% to 95% relative humidity						
Environmental	IP 65 rated						
Wiring Connection	Custom connector (no pigtail)						
Cabling	For Wiegand only - six conductor; For RS-485 half duplex with Wiegand - eight conductor; For RS485 full duplex only - eight conductor.						
Certifications	GSA APL-2, UL 294, FCC Certification (US), IC (Canada), CE (EU)						
Warranty	18 months						

**LoCurrent Systems, LLC**

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Cooperstown, NY 13326  
(607)293-7300  
locurrent@gmail.com



# Estimate

**ADDRESS**

Steve Miller  
CMI Management  
5285 Shawnee Road  
Suite 510  
Alexandria, VA 22312 USA

**ESTIMATE #** 1404**DATE** 08/16/2019**P.O. NUMBER**

Orangeburg, NY USARC Reader

	ACTIVITY	QTY	AMOUNT
08/16/2019	<b>Services</b> Orangeburg, NY USARC Replace Card Reader	1	1,850.00

Dear Mr. Miller:

As per your request, LoCurrent Systems is pleased to provide a quotation to repair/replace the malfunctioning Main Entrance CAC Card Reader at the Orangeburg, NY USARC.

Cost Breakdown:

(1) Card Reader.....\$1,450.00  
Core Charge.....(\$200.00)  
(1) man 8 hours @ \$75.....\$600.00

Grand Total.....\$1,850.00

If existing Reader is physically not damaged we can provide a Core Discount of \$200; Bringing the total dollar amount to \$1,250.00 for the Reader.

The cost for the above mentioned work includes installation, programming, testing and demonstrating for \$1,850.00.

If acceptable, please do not hesitate to contact us.

Thank you for thinking of LoCurrent Systems.

Sincerely,

ACTIVITY	QTY	AMOUNT
Antonietta LoRusso		
	<b>TOTAL</b>	<b>\$1,850.00</b>

Accepted By

Accepted Date

## SCM Microsystems

90-1241-00	PACT1241-SCM-PAT1241: Physical Access Control Terminal(PACT) reader. FIPS-201/CAC reader The PACT (Physical Access Control Terminal) Product offers versatile and cost effective secure access reader solutions to protect areas such as Government and military facilities, campuses or company buildings. By offering combinations for contact and contactless smart card support, with and without PIN pad and SAM for indoor and outdoor usage SCMs PACT family offers unique secure solutions supporting requirements of typical access control.	\$ 549.25
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## Veridt Inc.

The NEW Stealth Series offers all of the functionality and capability of MultiMode™ design architecture including multiple communications options, secure communications for high assurance, multi-authentication modes in an IP 65 rated compact housing. The readers can be configured to operate a preset mode for 1, 2 or 3 factor authentication or connect to a Galaxy DSI via RS485 and the authentication mode can be dynamically selectable though System Galaxy Software.

Stealth Series is now available in five configurations: a fully featured biometric model, two non-biometric models configured with either contactless only card interface or dual card interface (contactless plus contact) and now Stealth Lite versions without keypad.

900W2027	MultiMode™ Stealth Lite: For PIV, PIV I, CAC, TWIC, ISO 14443. Compact form factor (5" X 3" X 1.5"); contactless card read interface; LED's and audible signaling; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; Wiegand and Serial interfaces; IP-65 rated. Includes 900F2120	\$ 533.00
900W2026	MultiMode™ Stealth: For PIV, PIV I, CAC, TWIC, ISO 14443. Compact form factor (5" X 3" X 1.5"); contactless card read interface; LED's and audible signaling; metal domed backlit keypad for tactile feedback; intuitive prompting simplifies instructions to cardholder; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; Wiegand and Serial interfaces; IP-65 rated. Includes 900F2120	\$ 767.00
900W2037	MultiMode™ Stealth Dual Lite: For PIV, PIV I, CAC, TWIC, ISO 7816 & ISO 14443. Compact form factor (5" X 3" X 1.5"); dual card read interface (contactless & contact); LED's and audible signaling; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; Wiegand and Serial interfaces; IP-65 rated. Includes 900F2120	\$ 533.00
900W2036	MultiMode™ Stealth Dual: For PIV, PIV I, CAC, TWIC, ISO 7816 & ISO 14443. Compact form factor (5" X 3" X 1.5"); dual card read interface (contactless & contact); LED's and audible signaling; metal domed backlit keypad for tactile feedback; intuitive prompting simplifies instructions to cardholder; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; Wiegand and Serial interfaces; IP-65 rated. Includes 900F2120	\$ 767.00
900W2030	MultiMode™ Stealth Bio: For PIV, PIV I, CAC, TWIC, ISO 7816 & ISO 14443. Compact form factor (7" X 3" X 1.5"); dual card read interface (contactless & contact); fingerprint biometrics; LED's and audible signaling; metal domed backlit keypad for tactile feedback; intuitive prompting simplifies instructions to cardholder; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; Wiegand and Serial interfaces; IP-65 rated. Includes 900F2120	\$ 1,248.00

### Options for Legacy Card Types - Select as Needed

920FW0PR	MultiMode™ reader configured for legacy Prox 125KHz operation: includes sub-license, firmware and additional hardware for 125KHz operation. Specify Legacy Card. Specify reader P/N. Not available on 900W0080.	\$ 149.50
920FW0CL	MultiMode™ reader configured for legacy iCLASS operation: includes sub-license, firmware. Specify reader P/N. Reads card manufacturers serial number.	\$ -
920FW0MF	MultiMode™ reader configured for Dual card operation with MIFARE contactless cards: includes sub-license, firmware. Specify reader P/N. Reads card serial number.	\$ -

### Enclosures

033-20003	Heavy Weather" Visor for Stealth Series Readers; required for outdoor operation of Stealth Bio-Reader.	\$ 140.40
033-20004	"Heavy Weather" Visor (Short Form) for use with Stealth Series Readers	\$ 78.00

## B. Doing Business with Galaxy Control Systems

### Order and Payment Procedures

#### Receipt of purchase orders:

All orders must be faxed or emailed to Galaxy Control Systems.

#### Payment Terms (Domestic & Canadian)

**Our terms of sale are NET 30 DAYS.** If your account becomes 45 days old, the account is automatically placed on a hold status, with no orders shipped until payment arrangements are made with our accounting department. Finance charges at 18% annually will be assessed on all invoices greater than 15 days past due. As defined in your Authorized Dealer Agreement, Galaxy Control Systems standard payment terms are net 30 days after date of invoice. Unless arrangements are made in advance, payments are due regardless of other factors, such as unresolved issues with the end user installation, end user payments to the Authorized Dealer, or warranty claims.

#### Credit Limit & Terms:

Galaxy Control Systems will periodically review payment history and adjust the credit limit and terms offered to the Authorized Dealer.

#### Acknowledgement:

PO's Received after 12PM will not be shipped the same day. Shipping time is based on availability. Customer purchase orders will be reviewed and an acknowledgement will be issued, generally within 24 hours except weekends or holidays. The acknowledgement will have an estimated ship date(s) based on product availability. If the Authorized Dealer does not receive an acknowledgement within the 24 hour time period, please contact Galaxy Control Systems immediately. Please verify all information on the order acknowledgement and promptly report any discrepancies.

#### Shipping Method:

Galaxy Control Systems currently uses UPS and Fed-X shipping services. Our standard shipping method is UPS Ground service. Any shipping service desired other than Galaxy's standard, must be clearly indicated on the purchase order. Terminology such as best way or other generic terms will be construed as Galaxy's carrier of choice.

#### Due Dates:

Galaxy Control Systems encourages the Authorized Dealer to indicate the due date of the purchase order that is submitted and Galaxy will attempt to meet the due dates. For most shipments, we recommend orders be placed two weeks prior to the due date. Galaxy will communicate to the Authorized Dealer the estimated ship date that is expected. Acceptance of an order via Galaxy acknowledgement indicates our best estimate of the ship date. **Galaxy is not bound by dates requested by the Authorized Dealer's purchase order.** If the estimated ship date is not acceptable by the Authorized Dealer, please contact Galaxy Control Systems immediately.

#### Customized Quotes:

If the Authorized Dealer is placing an order based on a written quote from a Regional Sales Manager or other Galaxy employee, it must accompany the Authorized Dealer's purchase order. Orders placed without a quote will be processed with Galaxy Control Systems standard pricing and acknowledged accordingly.

## Extended Services

It is important to both Galaxy Control Systems and the Galaxy family of Authorized Dealers that the product is well represented and therefore we offer on-site technical support to Authorized Dealer. Galaxy Engineers are available only to assist, and will not perform panel wiring or network cabling. To protect the end user / Authorized Dealer relationship, Galaxy will provide support to the end user exclusively through the Authorized Dealer.

### On-site support terms and conditions:

The purchaser of support services is responsible for all daily expenses incurred, and is required to fully reimburse Galaxy Control Systems.

All days of support are based on non-holiday weekdays.

If travel days are required, the Galaxy Authorized reseller will be billed based on a pro-rated fee of \$325.00 (\$650.00 MSRP) per day.

Scheduling shall be based on the current lead-time.

On-site support is only available to Authorized Galaxy Dealers.

The Authorized Dealer must provide Galaxy trained technical representation during the entire visit.

### On site pricing information:

	Dealer Rate	MSRP
Daily Rate	\$1,000.00	\$2,000.00
Travel Rate	\$325.00	\$650.00
Daily Expenses	Actual Expense	Actual Expense

All travel expenses are the responsibility of the Authorized Galaxy Dealer and are not included above.

### Dial in Support

As a "value added" option, Galaxy offers additional dial in services on bundled systems sold with modems, Linktivity and Web Access (Contact Galaxy for details). To receive dial in support, you must provide the following:

An on-site trained technician

A completed and signed authorization form (available from technical support)