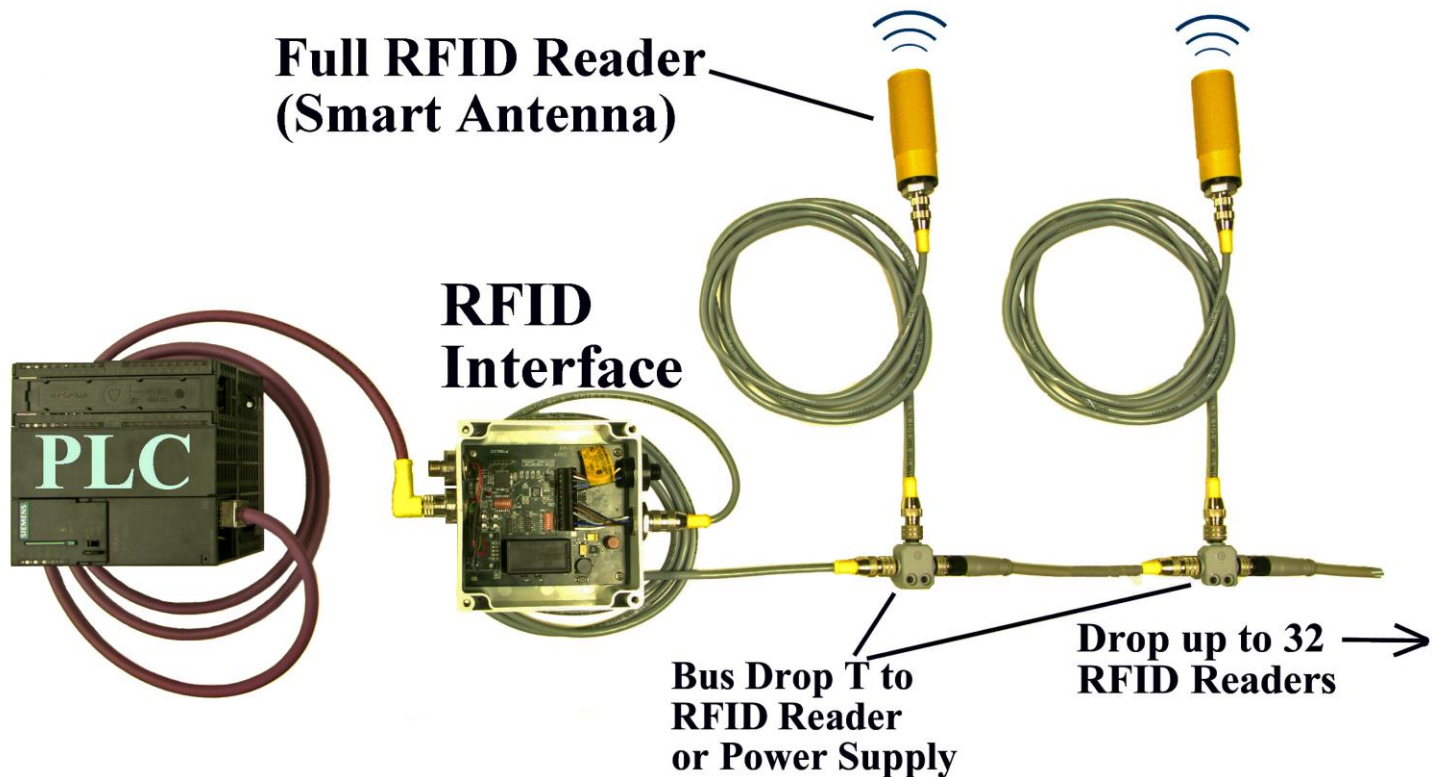


## Smart Antennas - 125 KHz LF RFID Reader Systems

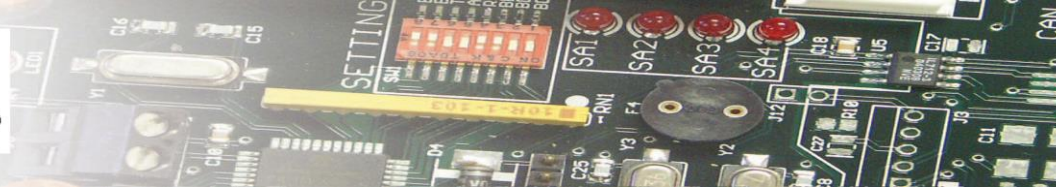
### Network up to 32 Readers with PLC Protocols:

- Ethernet/IP
- PROFINET
- TCPIP
- Serial
- USB
- Profibus
- Modbus TCP
- Modbus RTU
- CAN Open



- Incredible speed performance with 100% Tag reads
- Very Metal Friendly
- Can be mounted side by side without degradation of performance

View video at <https://www.rfidinc.com/resource-center/>



## Model 5100-SA Yellow Prox Smart Antenna

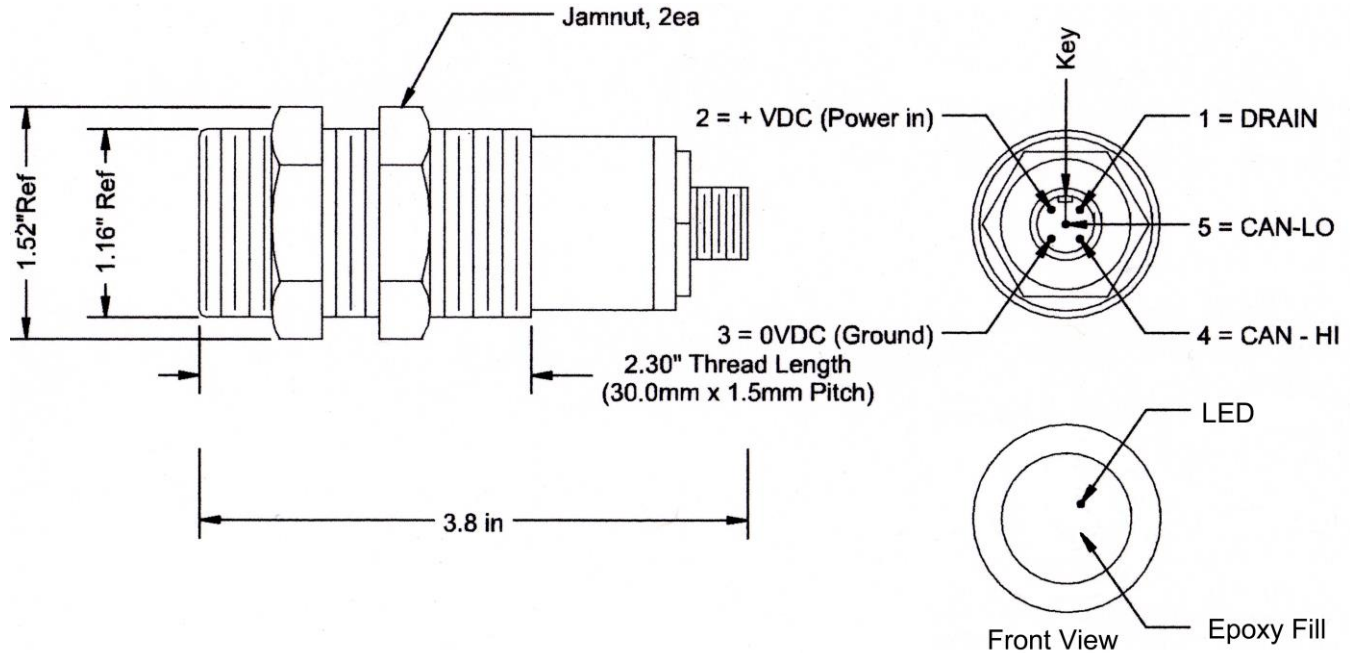
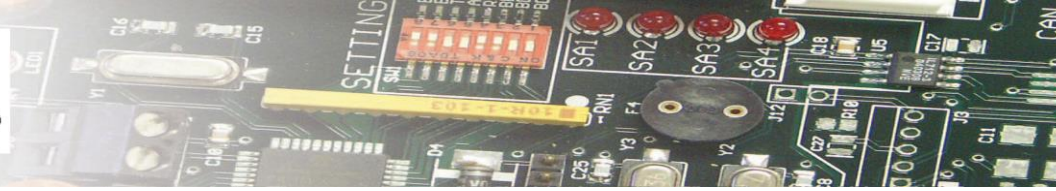


<b>Physical:</b>	Dimensions (w/o hex nuts):	3.8" length x 1.16" diameter	96.52mm length x 29.46mm
	Weight (w/o cable):	4 oz.	113 grams
	Connector Options:	CAN Data & Power:	Serial & Power:
	10' cabling standard Options up to 50'	M12 or Pigtails	9pin D-sub or Pigtails or M12 PWR: Quick Connect or Pigtails

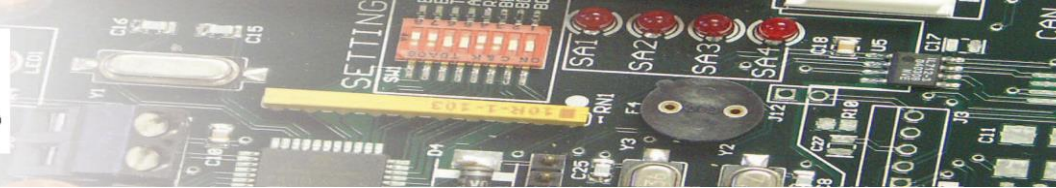
<b>Electrical:</b>	Input:	8VDC – 28VDC	
	Draw:	125mA min – 200mA max	150mA typical

<b>Materials:</b>	Housing:	Polycarbonate	
	LED:	On = power	Blink = read achieved
	Output:	CAN	RS232 or RS485
	Addressing:	Inherent	Both 232 & 485 Addressing

<b>Environment:</b>	Storage Temperature:	-40°F to 185°F	-40°C to +85°C
	Operating Temperature:	-40°F to +131°F	-40°C to +55°C
	Ingress Protection:	IP-68	



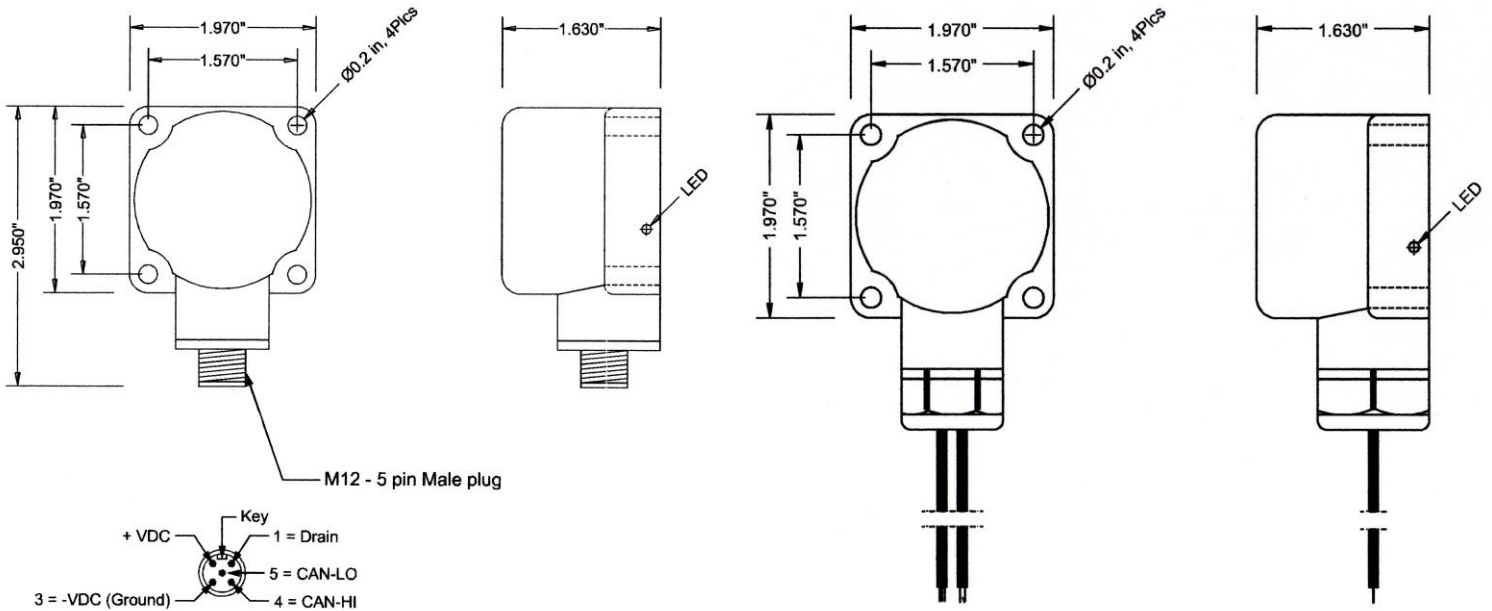
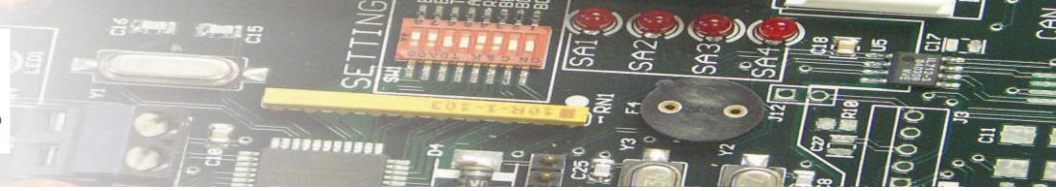
<b>Part Numbers:</b>	719-0013-04SA08	CAN, M12 connector	8 characters data
	719-0013-14SA08	CAN, pigtail wiring	8 characters data
	719-0013-24SA08	CAN, dual pigtail wiring	8 characters data
	719-0013-04SA16	CAN, M12 connector	16 characters data
	719-0013-14SA16	CAN, pigtail wiring	16 characters data
	719-0013-24SA16	CAN, dual pigtail wiring	16 characters data
	719-0013-25SA	Serial, pigtail wiring	8, 16, or 32 characters data
	719-0013-26SA	Serial, pigtail serial, pwr conn	8, 16, or 32 characters data
	719-0013-27SA	Serial, 9pin D-sub, pwr pigtails	8, 16, or 32 characters data
	719-0013-28SA	Serial, 9pin D-sub, pwr conn	8, 16, or 32 characters data
	719-0013-29SA	Serial, M12 connector	8, 16, or 32 characters data
	Add -485 suffix for RS485	Add -OCAN suffix for Can Open	



## Model 5110-SA Hockey Puck Smart Antenna

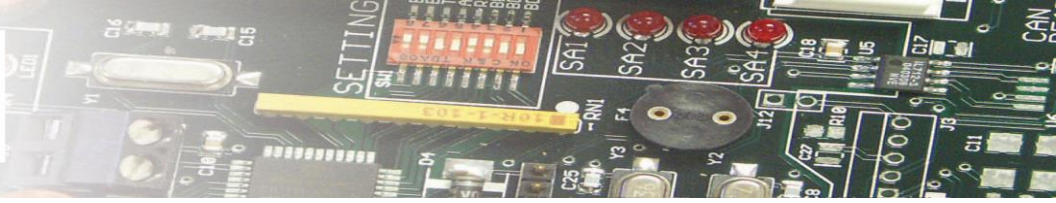


<b>Physical:</b>	Dimensions:	2.95" x 1.97" x 1.63"	7.5cm x 5cm x 4.1cm
	Weight (w/o cable):	5.8 oz.	166 grams
	Connector Options: 10' cabling standard Options up to 50'	CAN Data & Power:  M12 or Pigtails	Serial & Power: 9pin D-sub or Pigtails or M12 PWR: Quick Connect or Pigtails
<b>Electrical:</b>	Input:	8VDC – 28VDC	
	Draw:	125mA min – 200mA max	150mA typical
<b>Materials &amp; Functions:</b>	Housing:	Nylon w/20% glass fill	All units are potted
	LED:	On = power	Blink = read achieved
	Relay Driver (NO):	5vdc @ 60mA max.	Option - Specify at Order
	Output:	CAN	RS232 or RS485
	Addressing:	Inherent	Both 232 & 485 Addressing
<b>Environment:</b>	Storage Temperature:	-40°F to 185°F	-40°C to +85°C
	Operating Temperature:	-40°F to +131°F	-40°C to +55°C
	Ingress Protection:	IP-65	



M12 - FRONT VIEW

<b>Part Numbers:</b>	719-0015-04SA08	CAN, M12 connector	8 characters data
	719-0015-14SA08	CAN, pigtail wiring	8 characters data
	719-0015-24SA08	CAN, dual pigtail wiring	8 characters data
	719-0015-04SA16	CAN, M12 connector	16 characters data
	719-0015-14SA16	CAN, pigtail wiring	16 characters data
	719-0015-24SA16	CAN, dual pigtail wiring	16 characters data
	719-0015-25SA	Serial, pigtail wiring	8, 16, or 32 characters data
	719-0015-26SA	Serial, pigtail serial, pwr conn	8, 16, or 32 characters data
	719-0015-27SA	Serial, 9pin D-sub, pwr pigtails	8, 16, or 32 characters data
	719-0015-28SA	Serial, 9pin D-sub, pwr conn	8, 16, or 32 characters data
	719-0015-29SA	Serial, M12 connector	8, 16, or 32 characters data
	Add -485 suffix for RS485	Add -OCAN suffix for Can Open	



## Model 5120-SA White Tubular Smart Antenna

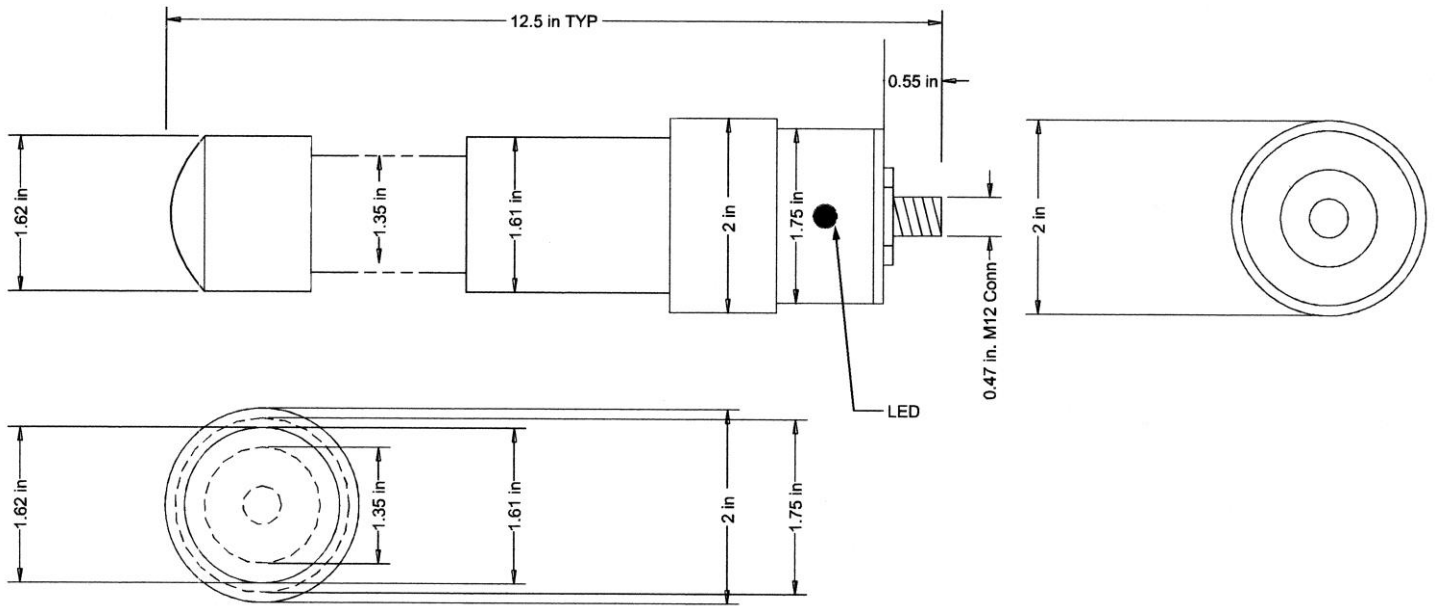
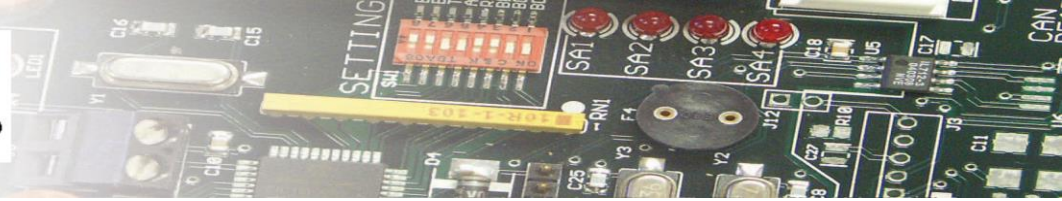


<b>Physical:</b>	Dimensions:	12.5" x 2"	31.75cm x 5.08cm
	Weight:	1.3 lbs.	550 grams
	Connector Options: 10' cabling standard Options up to 50'	CAN Data & Power:  M12 or Pigtails	Serial & Power: 9pin D-sub or Pigtails or M12 PWR: Quick Connect or Pigtails

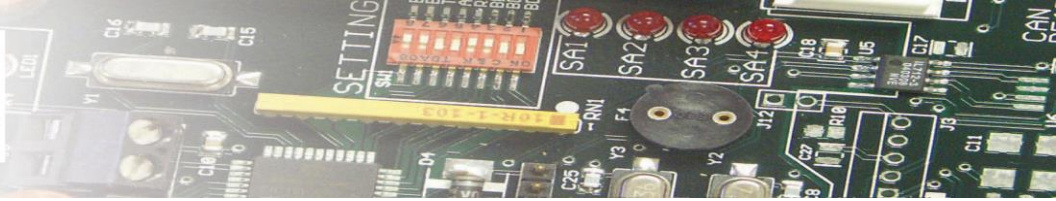
<b>Electrical:</b>	Input:	8VDC – 28VDC	
	Draw:	125mA min – 200mA max	150mA typical

<b>Materials &amp; Functions:</b>	Housing:	PVC	All units are potted
	LED:	On = power	Blink = read achieved
	Relay Driver (NO):	5vdc @ 60mA max.	Option - Specify at Order
	Output:	CAN	RS232 or RS485
	Addressing:	Inherent	Both 232 & 485 Addressing

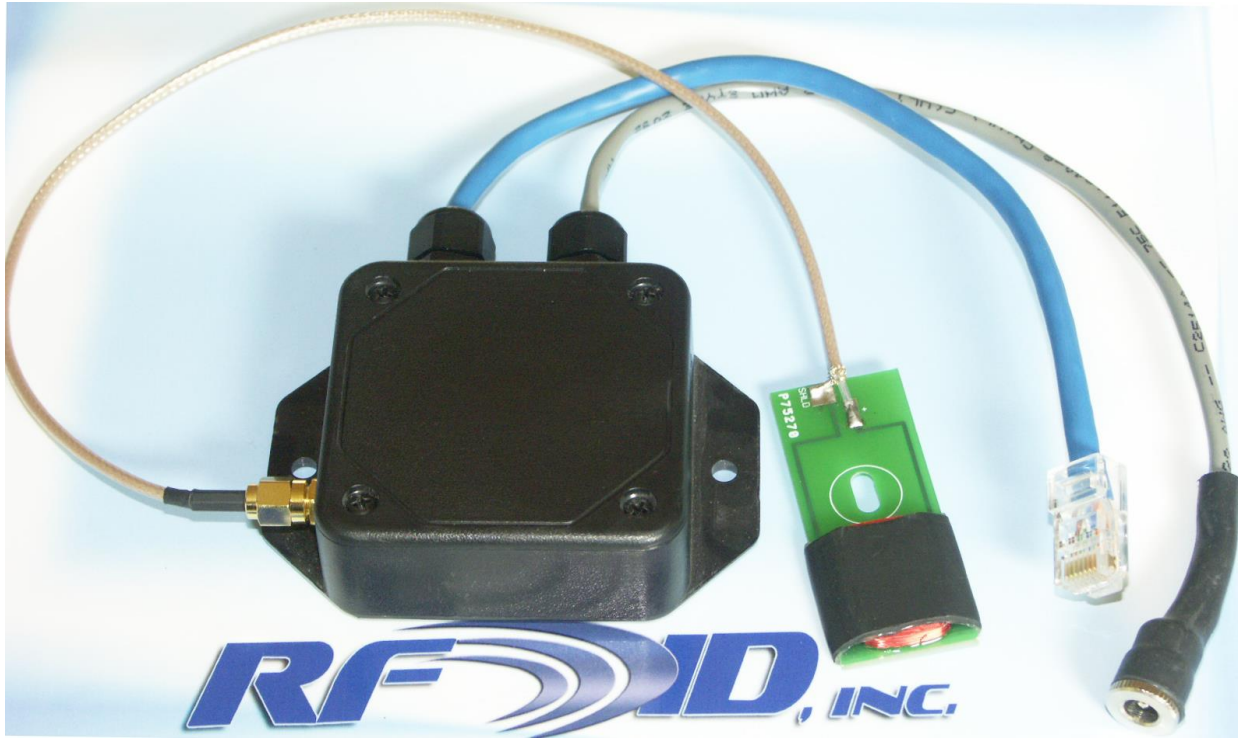
<b>Environment:</b>	Storage Temperature:	-40°F to 185°F	-40°C to +85°C
	Operating Temperature:	-40°F to +131°F	-40°C to +55°C
	Ingress Protection:	IP-68	



<b>Part Numbers:</b>	719-0016-04SA08	CAN, M12 connector	8 characters data
	719-0016-14SA08	CAN, pigtail wiring	8 characters data
	719-0016-24SA08	CAN, dual pigtail wiring	8 characters data
	719-0016-04SA16	CAN, M12 connector	16 characters data
	719-0016-14SA16	CAN, pigtail wiring	16 characters data
	719-0016-24SA16	CAN, dual pigtail wiring	16 characters data
	719-0016-25SA	Serial, pigtail wiring	8, 16, or 32 characters data
	719-0016-26SA	Serial, pigtail serial, pwr conn	8, 16, or 32 characters data
	719-0016-27SA	Serial, 9pin D-sub, pwr pigtails	8, 16, or 32 characters data
	719-0016-28SA	Serial, 9pin D-sub, pwr conn	8, 16, or 32 characters data
	719-0016-29SA	Serial, M12 connector	8, 16, or 32 characters data
	Add -485 suffix for RS485	Add -OCAN suffix for Can Open	



**Model 5130-SA Smart Antenna –  
with optional external Antenna for tight spaces designed to your size specifications**



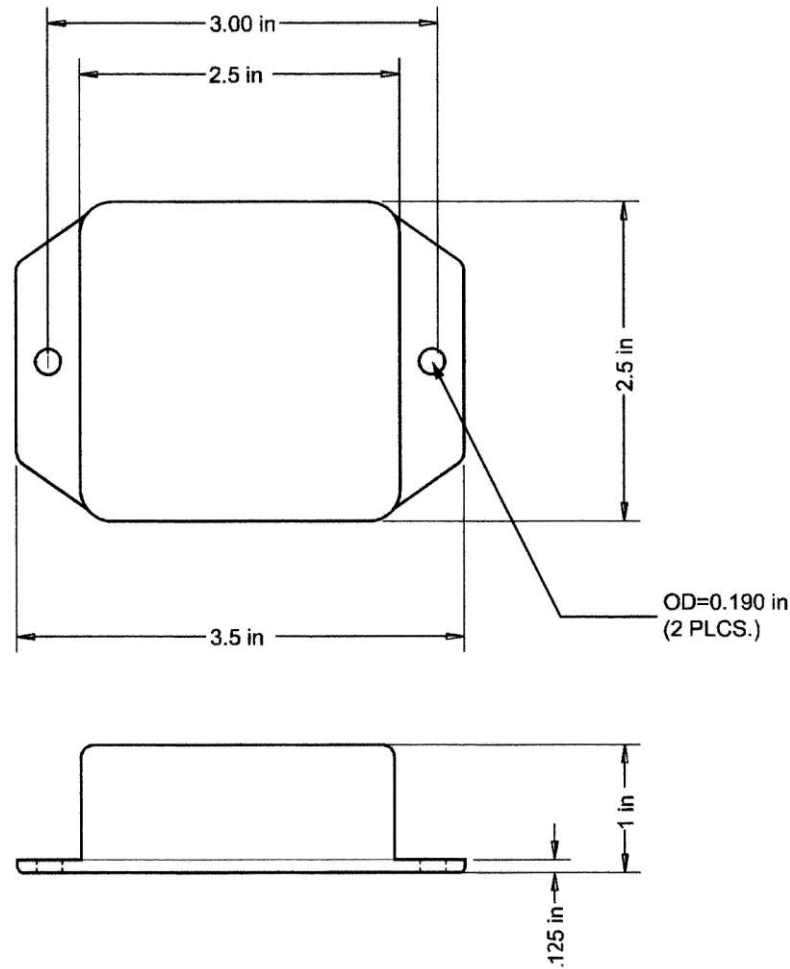
<b>Physical:</b>	Dimensions w/ears:	3.50" x 2.50" x 1.00"	88.9mm x 63.5mm x 25.4mm
	Weight w/o Antenna:	4.4 oz.	123 grams
	Connector Options: 10' cabling standard Options up to 50'	CAN Data & Power:  M12 or Pigtails	Serial & Power: 9pin D-sub or Pigtails or M12 PWR: Quick Connect or Pigtails

<b>Electrical:</b>	Input:	8VDC – 28VDC	
	Draw:	125mA min – 200mA max	150mA typical

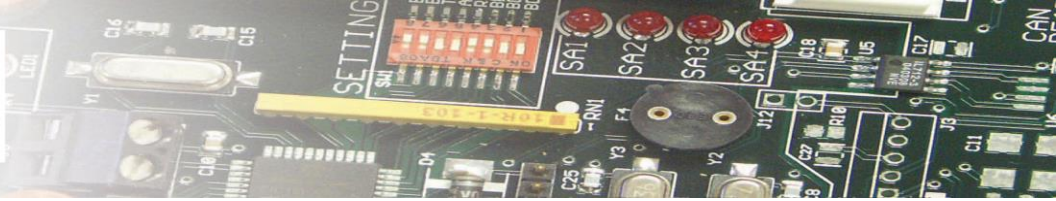
<b>Materials &amp; Functions:</b>	Housing:	ABS	
	LED:	On = power	Blink = read achieved
	Relay Driver (NO):	5vdc @ 60mA max.	Option - Specify at Order
	Output Communications:	CAN	RS232 or RS485
	Addressing:	Inherent with CAN	Both 232 & 485 Addressing

<b>Environment:</b>	Storage Temperature:	-40°F to 185°F	-40°C to +85°C
	Operating Temperature:	-40°F to +131°F	-40°C to +55°C
	Ingress Protection:	IP-65	





<b>Part Numbers:</b>	800-0243-04SA08	CAN, M12 connector	8 characters data
	800-0243-14SA08	CAN, pigtail wiring	8 characters data
	800-0243-24SA08	CAN, dual pigtail wiring	8 characters data
	800-0243-04SA16	CAN, M12 connector	16 characters data
	800-0243-14SA16	CAN, pigtail wiring	16 characters data
	800-0243-24SA16	CAN, dual pigtail wiring	16 characters data
	800-0243-25SA	Serial, pigtail wiring	8, 16, or 32 characters data
	800-0243-26SA	Serial, pigtail serial, pwr conn	8, 16, or 32 characters data
	800-0243-27SA	Serial, 9pin D-sub, pwr pigtails	8, 16, or 32 characters data
	800-0243-28SA	Serial, 9pin D-sub, pwr conn	8, 16, or 32 characters data
	800-0243-29SA	Serial, M12 connector	8, 16, or 32 characters data
	Add -485 suffix for RS485	Add -OCAN suffix for Can Open	



## Model 5131-SA Nano Reader Smart Antenna

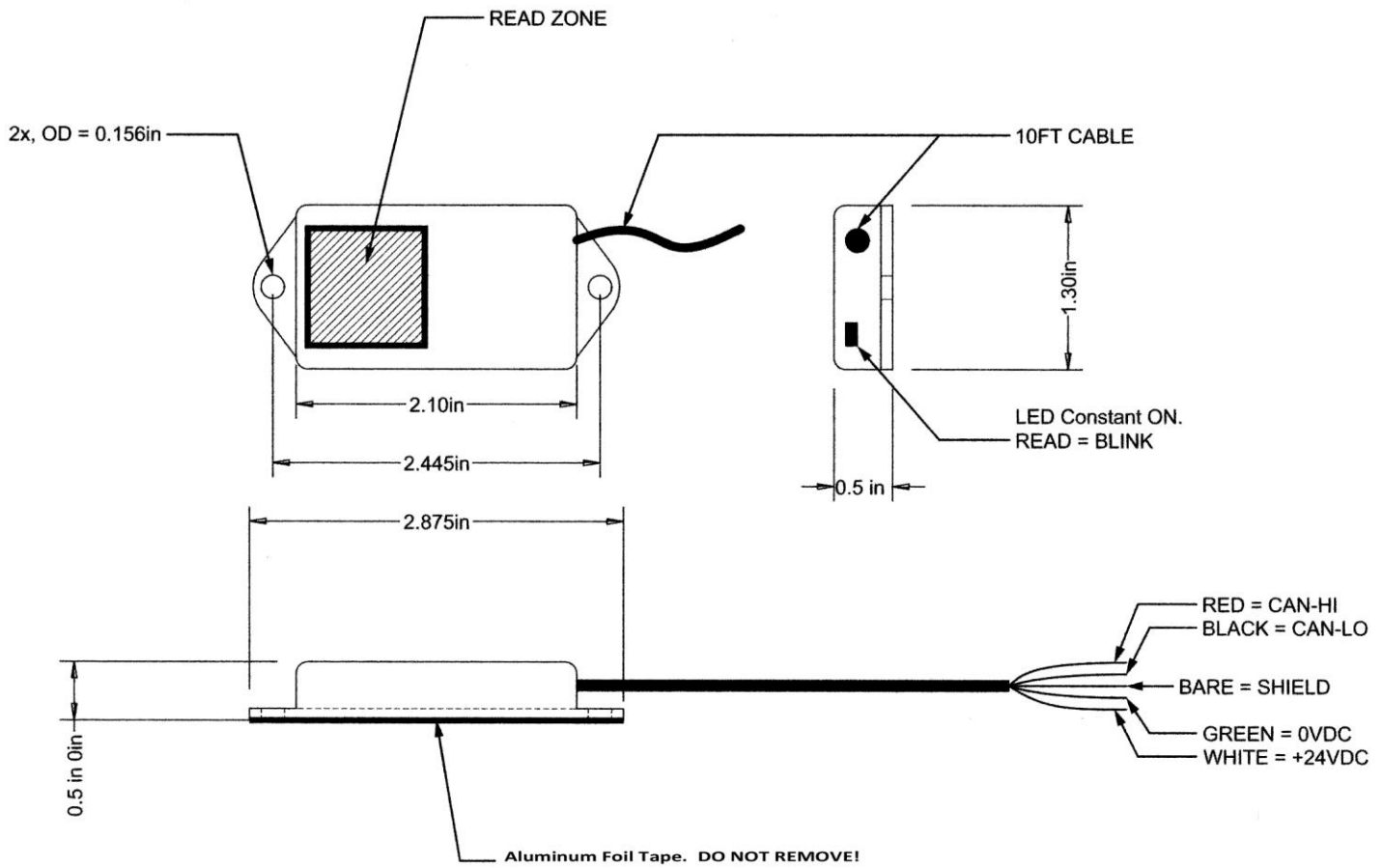
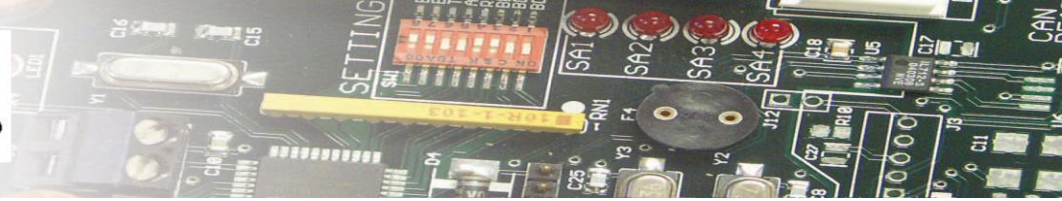


<b>Physical:</b>	Dimensions (w/o flanges):	2.1" x 1.3" x 0.5"	53mm x 33mm x 12.7mm
	Weight (w/o cable):	1.3 oz.	37 grams
	Connector Options: 10' cabling standard Options up to 50'	CAN Data & Power:  Pigtails or M12 on Cable	Serial & Power: 9pin D-sub or Pigtails or M12 PWR: Quick Connect or Pigtails

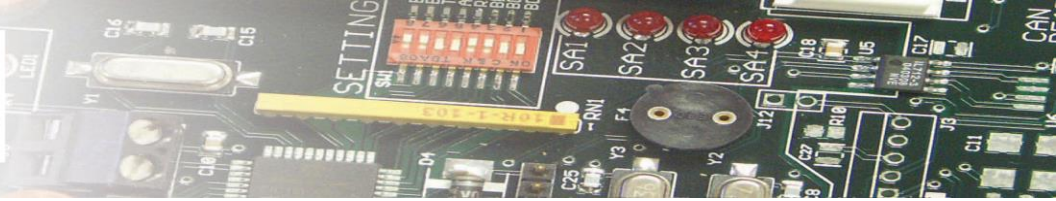
<b>Electrical:</b>	Input:	8VDC – 28VDC	
	Draw:	125mA min – 200mA max	150mA typical

<b>Materials &amp; Functions:</b>	Housing:	ABS	Aluminum Back Plate
	LED:	On = power	Blink = read achieved
	Output:	CAN	RS232 or RS485
	Addressing:	Inherent	Both 232 & 485 Addressing

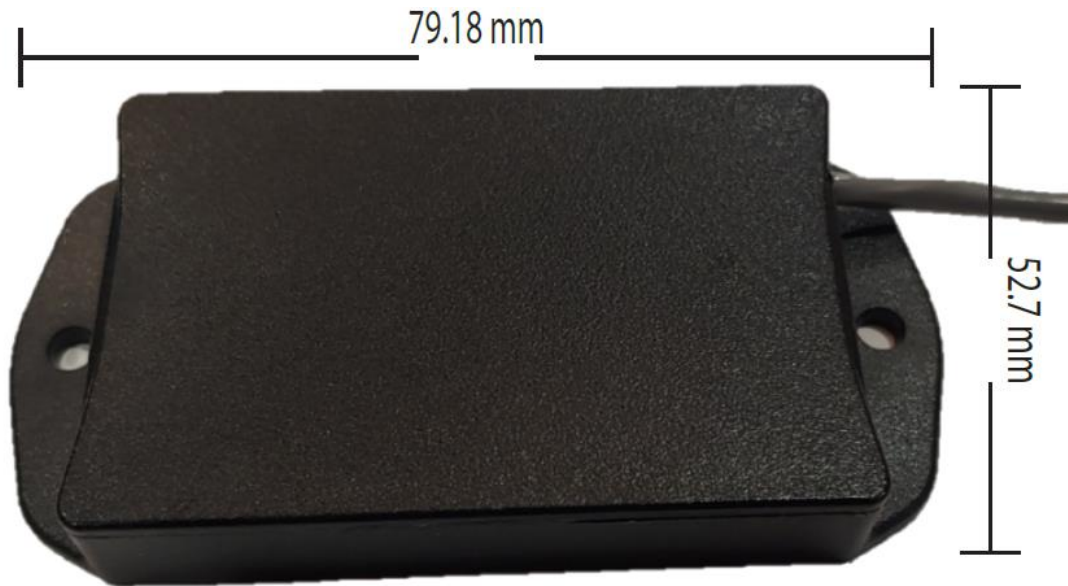
<b>Environment:</b>	Storage Temperature:	-40°F to 185°F	-40°C to +85°C
	Operating Temperature:	-40°F to +131°F	-40°C to +55°C
	Ingress Protection:	IP-67 Noncondensing	



<b>Part Numbers:</b>	719-0104-04SA08	CAN, M12 connector	8 characters data
	719-0104-14SA08	CAN, pigtail wiring	8 characters data
	719-0104-24SA08	CAN, dual pigtail wiring	8 characters data
	719-0104-04SA16	CAN, M12 connector	16 characters data
	719-0104-14SA16	CAN, pigtail wiring	16 characters data
	719-0104-24SA16	CAN, dual pigtail wiring	16 characters data
	719-0104-25SA	Serial, pigtail wiring	8, 16, or 32 characters data
	719-0104-26SA	Serial, pigtail serial, pwr conn	8, 16, or 32 characters data
	719-0104-27SA	Serial, 9pin D-sub, pwr pigtails	8, 16, or 32 characters data
	719-0104-28SA	Serial, 9pin D-sub, pwr conn	8, 16, or 32 characters data
	719-0104-29SA	Serial, M12 connector	8, 16, or 32 characters data
	Add -485 suffix for RS485	Add -OCAN suffix for Can Open	



## Model 5131+-SA Nano Reader Smart Antenna

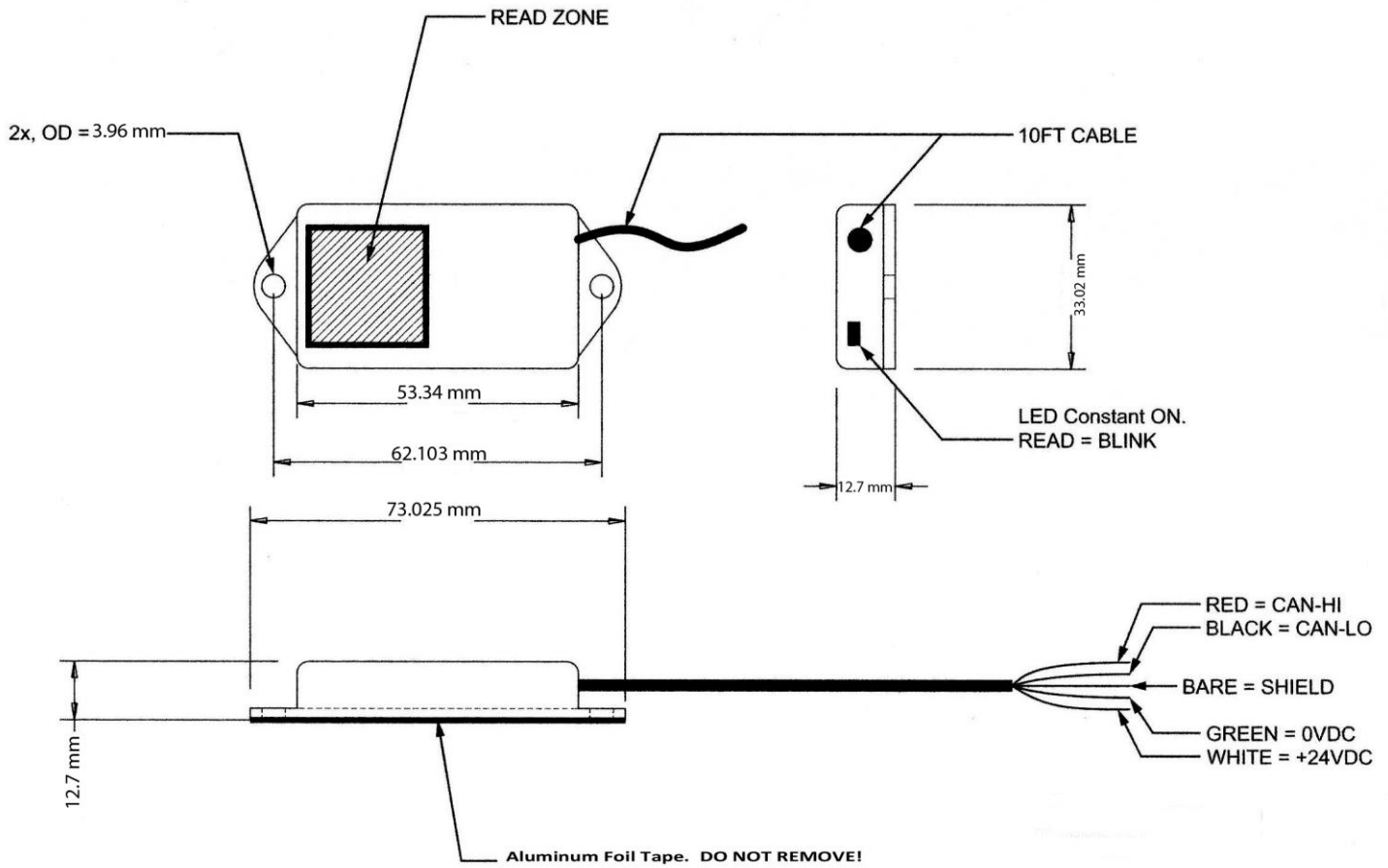
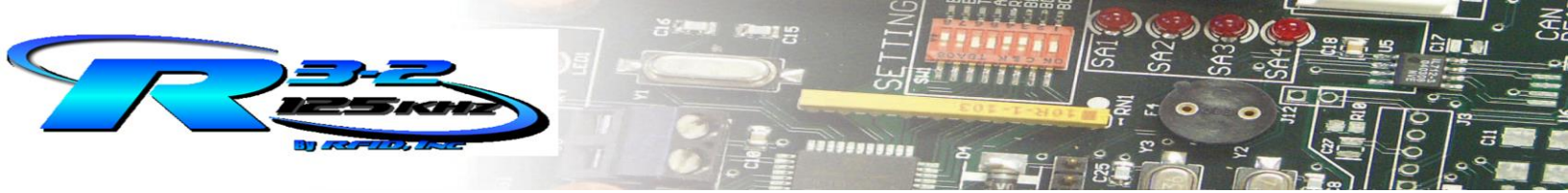


<b>Physical:</b>	Dimensions (w/o flanges):	3.117" x 2.076" x 0.575"	79.18mm x 52.7mm x 14.6mm
	Weight (w/o cable):	3.3 oz.	94 grams
	Connector Options: 10' cabling standard Options up to 50'	CAN Data & Power:  Pigtails or M12 on Cable	Serial & Power: 9pin D-sub or Pigtails or M12 PWR: Quick Connect or Pigtails

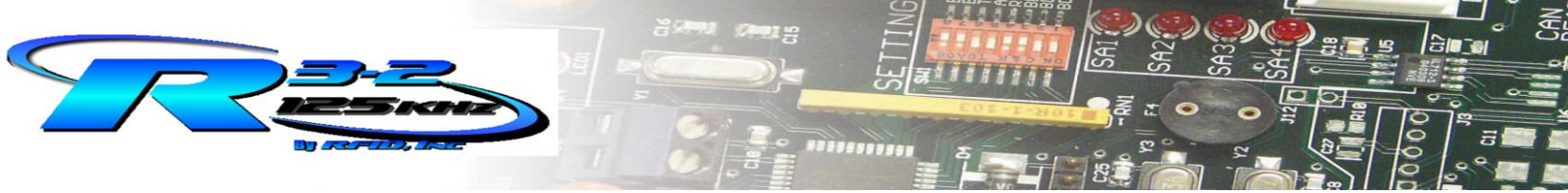
<b>Electrical:</b>	Input:	8VDC – 28VDC	
	Draw:	125mA min – 200mA max	150mA typical

<b>Materials &amp; Functions:</b>	Housing:	ABS	Aluminum Back Plate
	LED:	On = power	Blink = read achieved
	Output:	CAN	RS232 or RS485
	Addressing:	Inherent	Both 232 & 485 Addressing

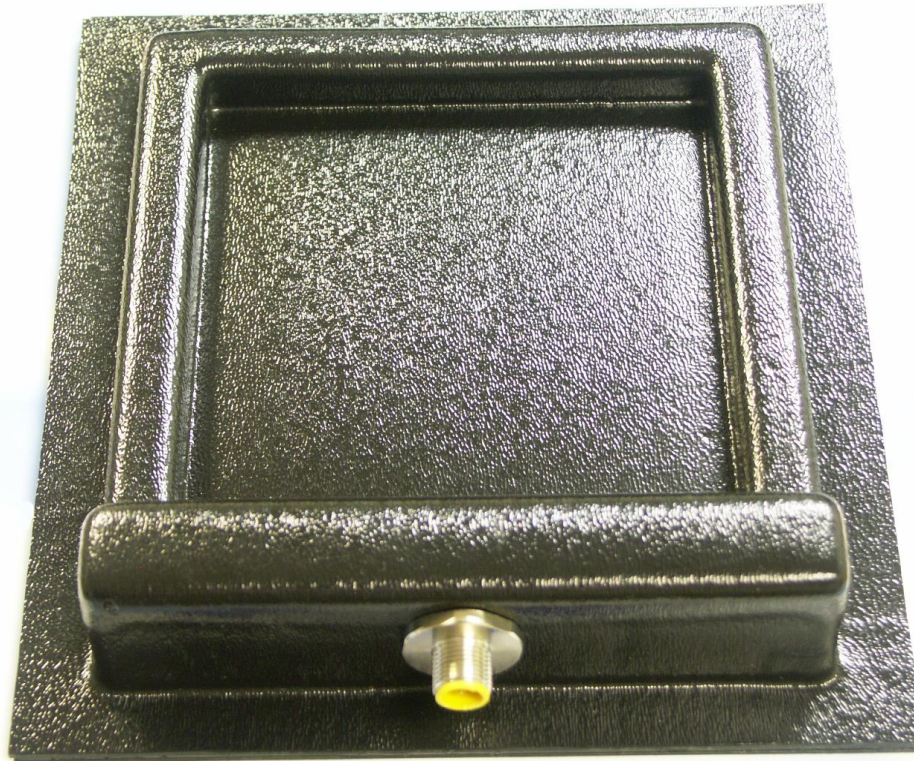
<b>Environment:</b>	Storage Temperature:	-40°F to 185°F	-40°C to +85°C
	Operating Temperature:	-40°F to +131°F	-40°C to +55°C
	Ingress Protection:	IP-67 Noncondensing	



<b>Part Numbers:</b>	719-0106-04SA08	CAN, M12 connector	8 characters data
	719-0106-14SA08	CAN, pigtail wiring	8 characters data
	719-0106-24SA08	CAN, dual pigtail wiring	8 characters data
	719-0106-04SA16	CAN, M12 connector	16 characters data
	719-0106-14SA16	CAN, pigtail wiring	16 characters data
	719-0106-24SA16	CAN, dual pigtail wiring	16 characters data
	719-0106-25SA	Serial, pigtail wiring	8, 16, or 32 characters data
	719-0106-26SA	Serial, pigtail serial, pwr conn	8, 16, or 32 characters data
	719-0106-27SA	Serial, 9pin D-sub, pwr pigtails	8, 16, or 32 characters data
	719-0106-28SA	Serial, 9pin D-sub, pwr conn	8, 16, or 32 characters data
	719-0106-29SA	Serial, M12 connector	8, 16, or 32 characters data
	Add -485 suffix for RS485	Add -OCAN suffix for Can Open	



## Model 5150-SA 7" Square Smart Antenna



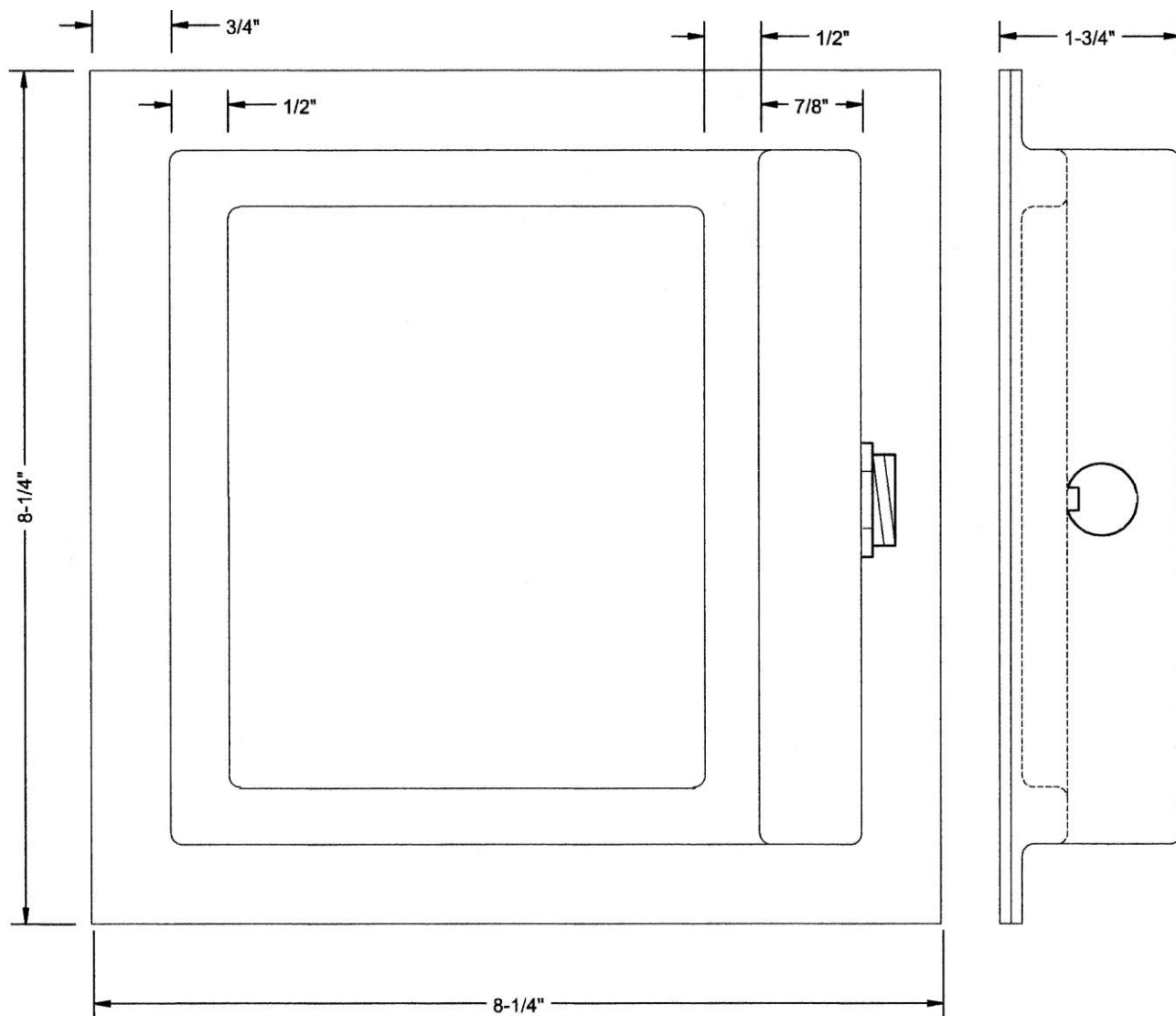
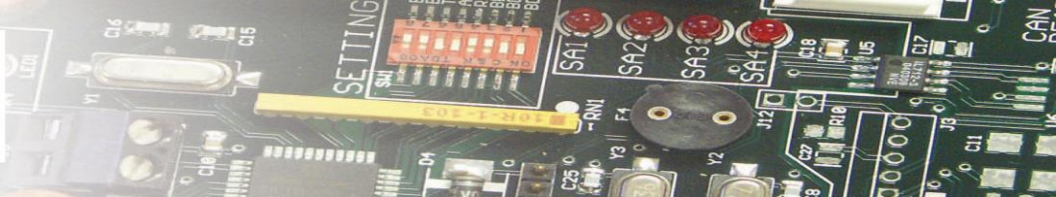
<b>Physical:</b>	Dimensions:	8.25" x 8.25" x 1.75"	21cm x 21cm x 4.5cm
	Weight (w/o cable):	15.7 oz.	446 grams
	Connector Options:	CAN Data & Power:	Serial & Power:
	10' cabling standard Options up to 50'	Pigtails or M12	9pin D-sub or Pigtails or M12 PWR: Quick Connect or Pigtails

<b>Electrical:</b>	Input:	8VDC – 28VDC	
	Draw:	125mA min – 200mA max	150mA typical

<b>Materials &amp; Functions:</b>	Housing:	ABS	
	LED:	On = power	Blink = read achieved
	Relay Driver (NO):	5vdc @ 60mA max.	Option - Specify at Order
	Output:	CAN	RS232 or RS485
	Addressing:	Inherent	Both 232 & 485 Addressing

<b>Environment:</b>	Storage Temperature:	-40°F to 185°F	-40°C to +85°C
	Operating Temperature:	-40°F to +131°F	-40°C to +55°C
	Ingress Protection:	IP-67 Noncondensing	





<b>Part Numbers:</b>	719-0026-04SA08	CAN, M12 connector	8 characters data
	719-0026-14SA08	CAN, pigtail wiring	8 characters data
	719-0026-24SA08	CAN, dual pigtail wiring	8 characters data
	719-0026-04SA16	CAN, M12 connector	16 characters data
	719-0026-14SA16	CAN, pigtail wiring	16 characters data
	719-0026-24SA16	CAN, dual pigtail wiring	16 characters data
	719-0026-25SA	Serial, pigtail wiring	8, 16, or 32 characters data
	719-0026-26SA	Serial, pigtail serial, pwr conn	8, 16, or 32 characters data
	719-0026-27SA	Serial, 9pin D-sub, pwr pigtails	8, 16, or 32 characters data
	719-0026-28SA	Serial, 9pin D-sub, pwr conn	8, 16, or 32 characters data
	719-0026-29SA	Serial, M12 connector	8, 16, or 32 characters data
	Add -485 suffix for RS485	Add -OCAN suffix for Can Open	

## Model 5155-SA FlatPack Smart Antenna



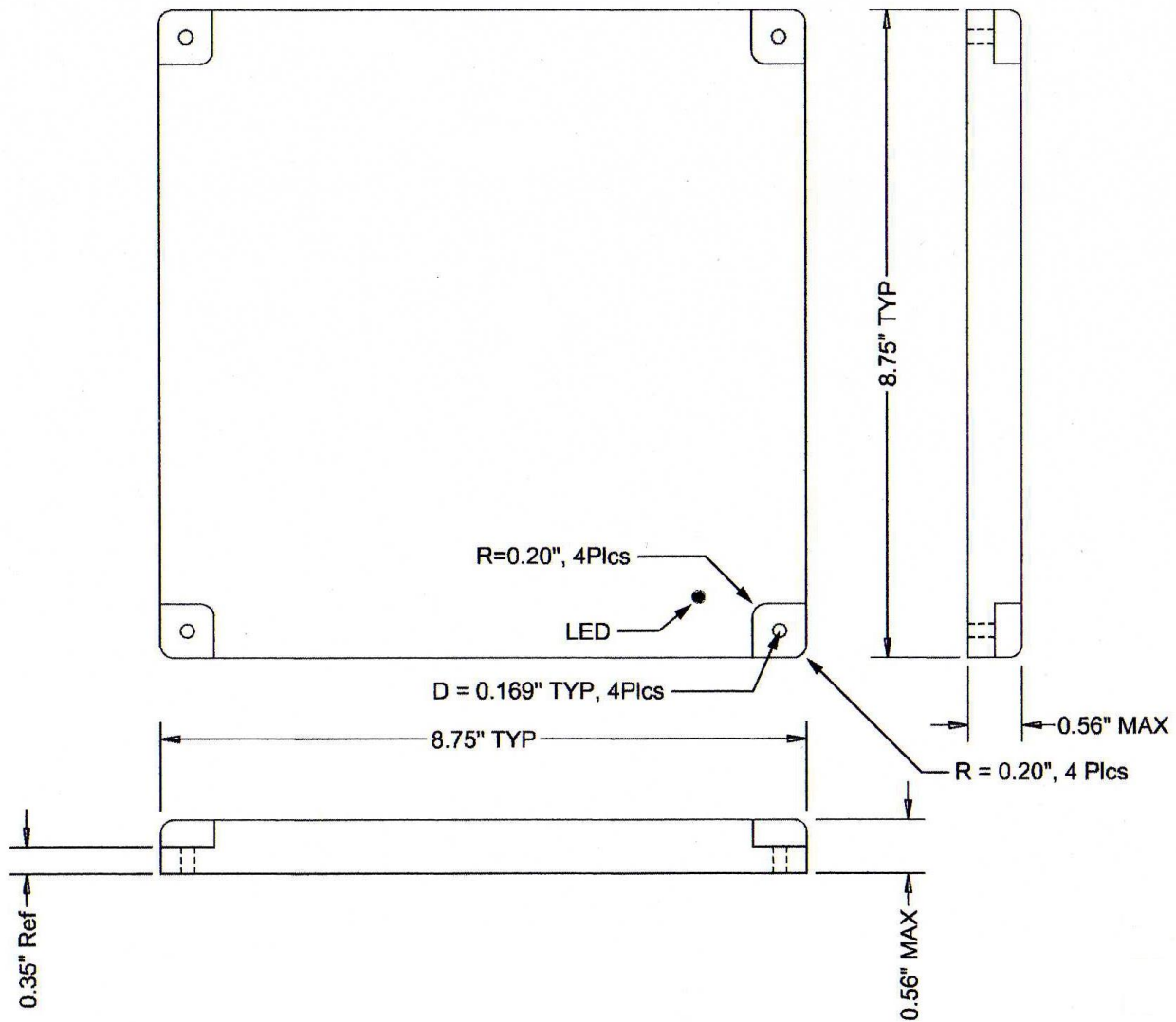
<b>Physical:</b>	Dimensions (w/o flanges):	8.75" x 8.0" x 0.56"	22.3cm x 20.3cm x 1.42cm
	Weight (w/o cable):	1.75 lbs.	794 grams
	Connector Options: 10' cabling standard Options up to 50'	CAN Data & Power:  Pigtails or M12 on Cable	Serial & Power:  9pin D-sub or Pigtails or M12 PWR: Quick Connect or Pigtails

<b>Electrical:</b>	Input:	8VDC – 28VDC	
	Draw:	125mA min – 200mA max	150mA typical

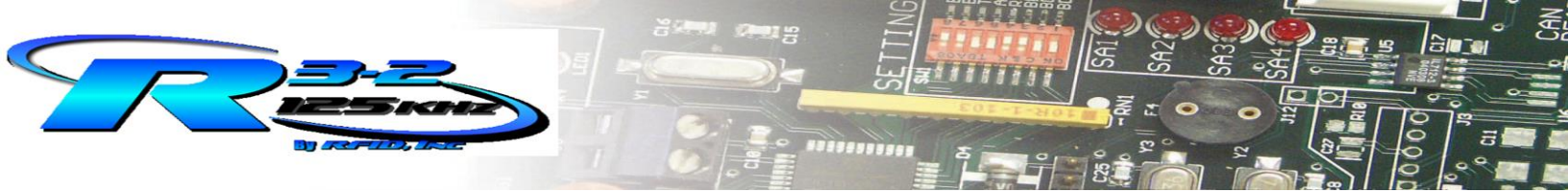
<b>Materials &amp; Functions:</b>	Housing:	Polycarbonate	
	LED:	On = power	Blink = read achieved
	Relay Driver (NO):	5vdc @ 60mA max.	Option - Specify at Order
	Output:	CAN	RS232 or RS485
	Addressing:	Inherent	Both 232 & 485 Addressing

<b>Environment:</b>	Storage Temperature:	-40°F to 185°F	-40°C to +85°C
	Operating Temperature:	-40°F to +131°F	-40°C to +55°C
	Ingress Protection:	IP-65 Noncondensing	

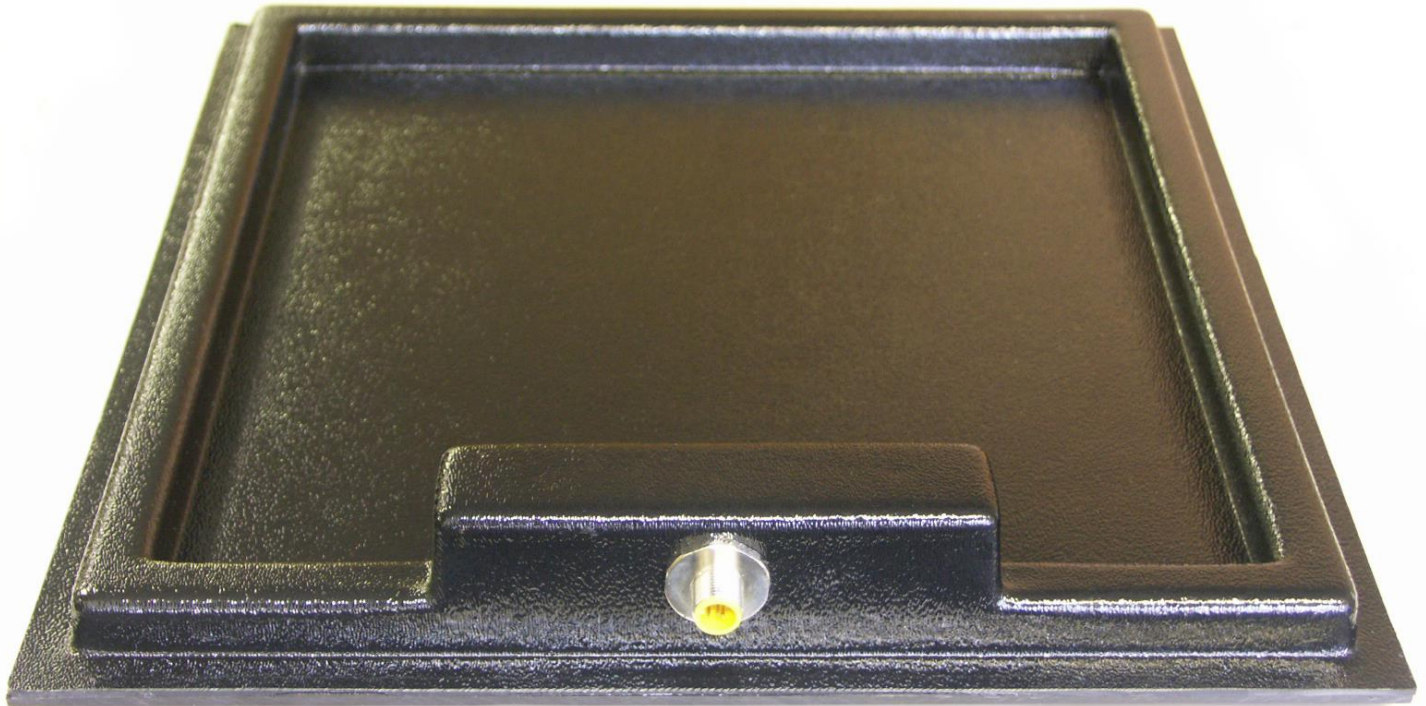




<b>Part Numbers:</b>	719-0246-04SA08	CAN, M12 connector	8 characters data
	719-0246-14SA08	CAN, pigtail wiring	8 characters data
	719-0246-24SA08	CAN, dual pigtail wiring	8 characters data
	719-0246-04SA16	CAN, M12 connector	16 characters data
	719-0246-14SA16	CAN, pigtail wiring	16 characters data
	719-0246-24SA16	CAN, dual pigtail wiring	16 characters data
	719-0246-25SA	Serial, pigtail wiring	8, 16, or 32 characters data
	719-0246-26SA	Serial, pigtail serial, pwr conn	8, 16, or 32 characters data
	719-0246-27SA	Serial, 9pin D-sub, pwr pigtails	8, 16, or 32 characters data
	719-0246-28SA	Serial, 9pin D-sub, pwr conn	8, 16, or 32 characters data
	719-0246-29SA	Serial, M12 connector	8, 16, or 32 characters data
	Add -485 suffix for RS485	Add -OCAN suffix for Can Open	



## Model 5160-SA 12" Square Smart Antenna

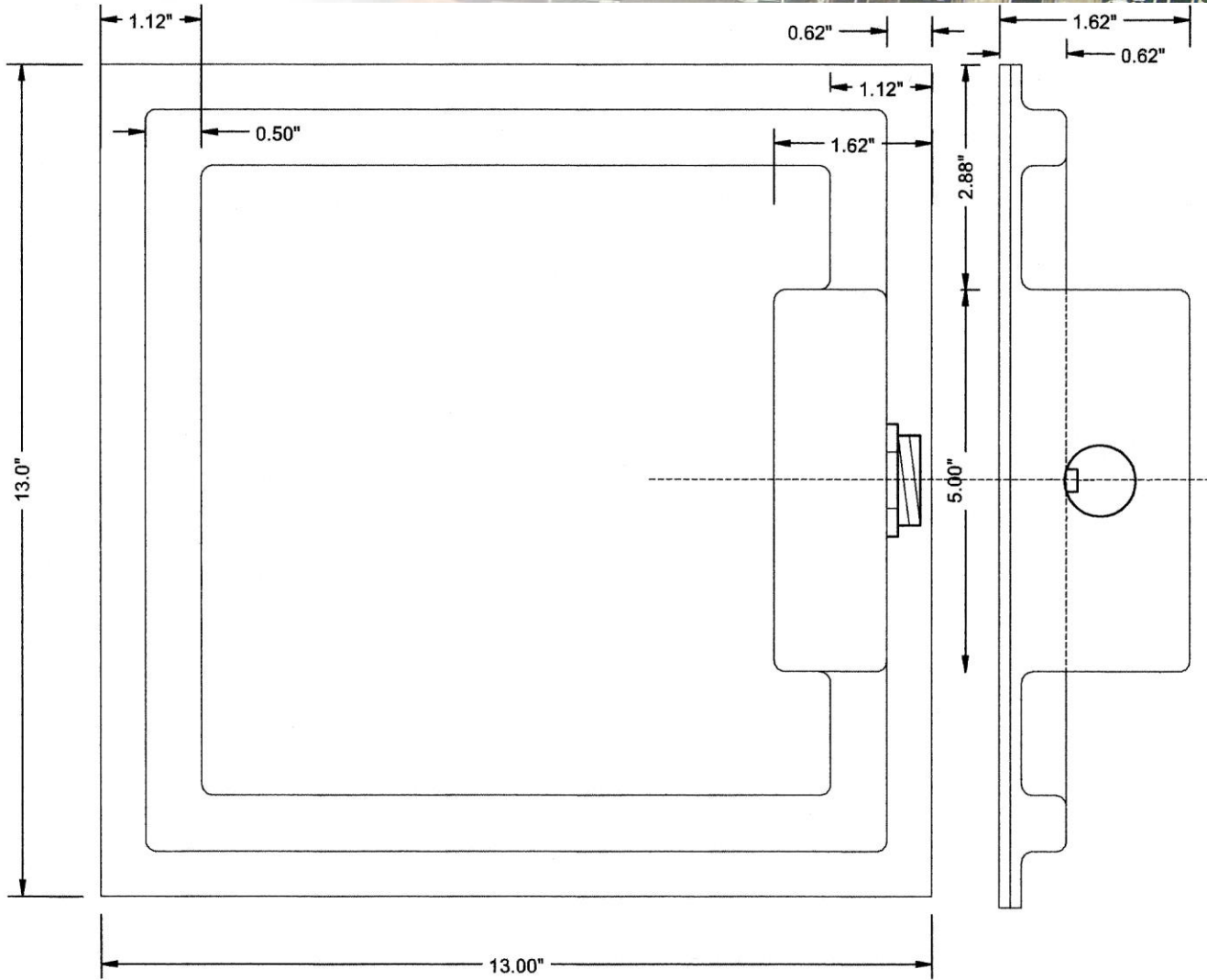
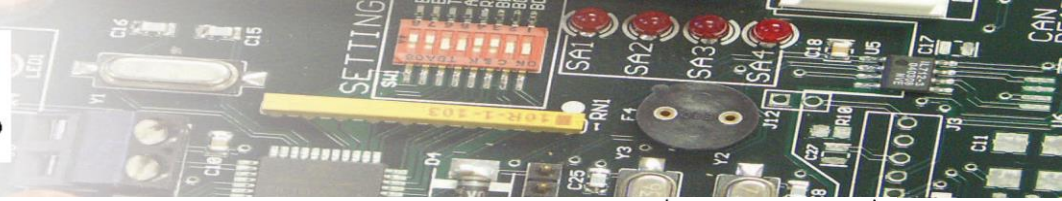


<b>Physical:</b>	Dimensions (w/o flanges):	13" x 13" x 1.62"	33cm x 33cm x 4.1cm
	Weight (w/o cable):	2 lbs.	907 grams
	Connector Options: 10' cabling standard Options up to 50'	CAN Data & Power:  Pigtails or M12 on Cable	Serial & Power: 9pin D-sub or Pigtails or M12 PWR: Quick Connect or Pigtails

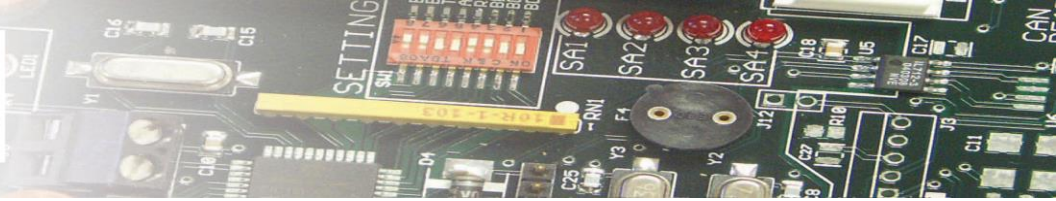
<b>Electrical:</b>	Input:	8VDC – 28VDC	
	Draw:	125mA min – 200mA max	150mA typical

<b>Materials &amp; Functions:</b>	Housing:	Black ABS	
	LED:	On = power	Blink = read achieved
	Relay Driver (NO):	5vdc @ 60mA max.	Option - Specify at Order
	Output:	CAN	RS232 or RS485
	Addressing:	Inherent	Both 232 & 485 Addressing

<b>Environment:</b>	Storage Temperature:	-40°F to 185°F	-40°C to +85°C
	Operating Temperature:	-40°F to +131°F	-40°C to +55°C
	Ingress Protection:	IP-67 Noncondensing	



<b>Part Numbers:</b>	719-0027-04SA08	CAN, M12 connector	8 characters data
	719-0027-14SA08	CAN, pigtail wiring	8 characters data
	719-0027-24SA08	CAN, dual pigtail wiring	8 characters data
	719-0027-04SA16	CAN, M12 connector	16 characters data
	719-0027-14SA16	CAN, pigtail wiring	16 characters data
	719-0027-24SA16	CAN, dual pigtail wiring	16 characters data
	719-0027-25SA	Serial, pigtail wiring	8, 16, or 32 characters data
	719-0027-26SA	Serial, pigtail serial, pwr conn	8, 16, or 32 characters data
	719-0027-27SA	Serial, 9pin D-sub, pwr pigtails	8, 16, or 32 characters data
	719-0027-28SA	Serial, 9pin D-sub, pwr conn	8, 16, or 32 characters data
	719-0027-29SA	Serial, M12 connector	8, 16, or 32 characters data
	Add -485 suffix for RS485	Add -OCAN suffix for Can Open	



## Model 5180-SA Slim Line Reader (Smart Antenna)

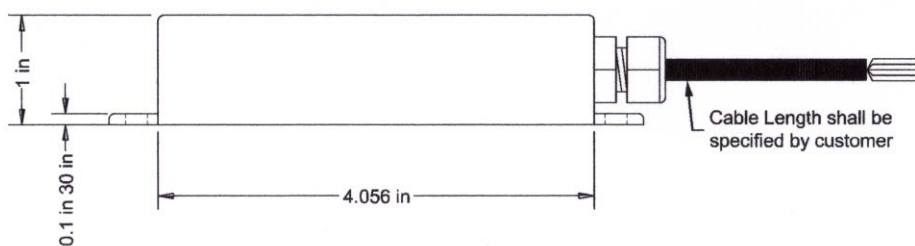
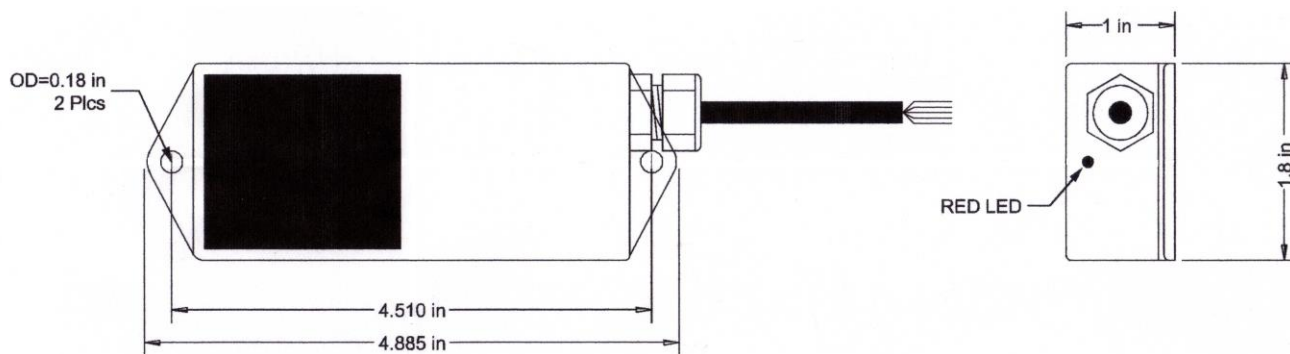
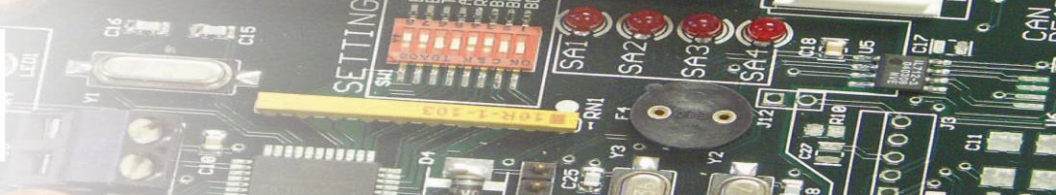


<b>Physical:</b>	Dimensions (w/o flanges):	4.056" x 1.8" x 1"	10.3cm x 4.57cm x 2.54cm
	Weight (w/o cable):	5.7 oz.	161 grams
	Connector Options: 10' cabling standard Options up to 50'	CAN Data & Power:  Pigtails or M12 on Cable	Serial & Power: 9pin D-sub or Pigtails or M12 PWR: Quick Connect or Pigtails

<b>Electrical:</b>	Input:	8VDC – 28VDC	
	Draw:	125mA min – 200mA max	150mA typical

<b>Materials:</b>	Housing:	Black ABS	
	LED:	On = power	Blink = read achieved
	Relay Driver (NO):	5vdc @ 60mA max.	Option - Specify at Order
	Output:	CAN	RS232 or RS485
	Addressing:	Inherent	Both 232 & 485 Addressing

<b>Environment:</b>	Storage Temperature:	-40°F to 185°F	-40°C to +85°C
	Operating Temperature:	-40°F to +131°F	-40°C to +85°C
	Ingress Protection:	IP-67 Non-condensing	



NOTES: PN 719-0098-14SXDD Series  
 Where X=A= 125KHZ.  
 X=R=148KHZ.  
 DD=08=8Digits  
 DD=16=16Characters.

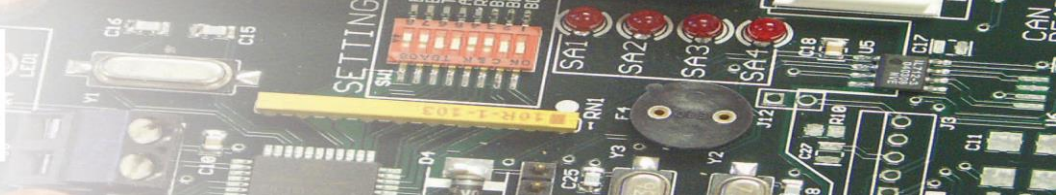
**WIRING CHART:**

CAN-HI : Red  
 CAN-LO : Black

POWER + : White  
 GROUND 0V: Green

SHIELD: Bare Wire.

<b>Part Numbers:</b>	719-0098-04SA08	CAN, M12 connector	8 characters data
	719-0098-14SA08	CAN, pigtail wiring	8 characters data
	719-0098-24SA08	CAN, dual pigtail wiring	8 characters data
	719-0098-04SA16	CAN, M12 connector	16 characters data
	719-0098-14SA16	CAN, pigtail wiring	16 characters data
	719-0098-24SA16	CAN, dual pigtail wiring	16 characters data
	719-0098-25SA	Serial, pigtail wiring	8, 16, or 32 characters data
	719-0098-26SA	Serial, pigtail serial, pwr conn	8, 16, or 32 characters data
	719-0098-27SA	Serial, 9pin D-sub, pwr pigtails	8, 16, or 32 characters data
	719-0098-28SA	Serial, 9pin D-sub, pwr conn	8, 16, or 32 characters data
	719-0098-29SA	Serial, M12 connector	8, 16, or 32 characters data
	Add -485 suffix for RS485	Add -OCAN suffix for Can Open	



## Model 8000 Series Smart Antenna Interfaces



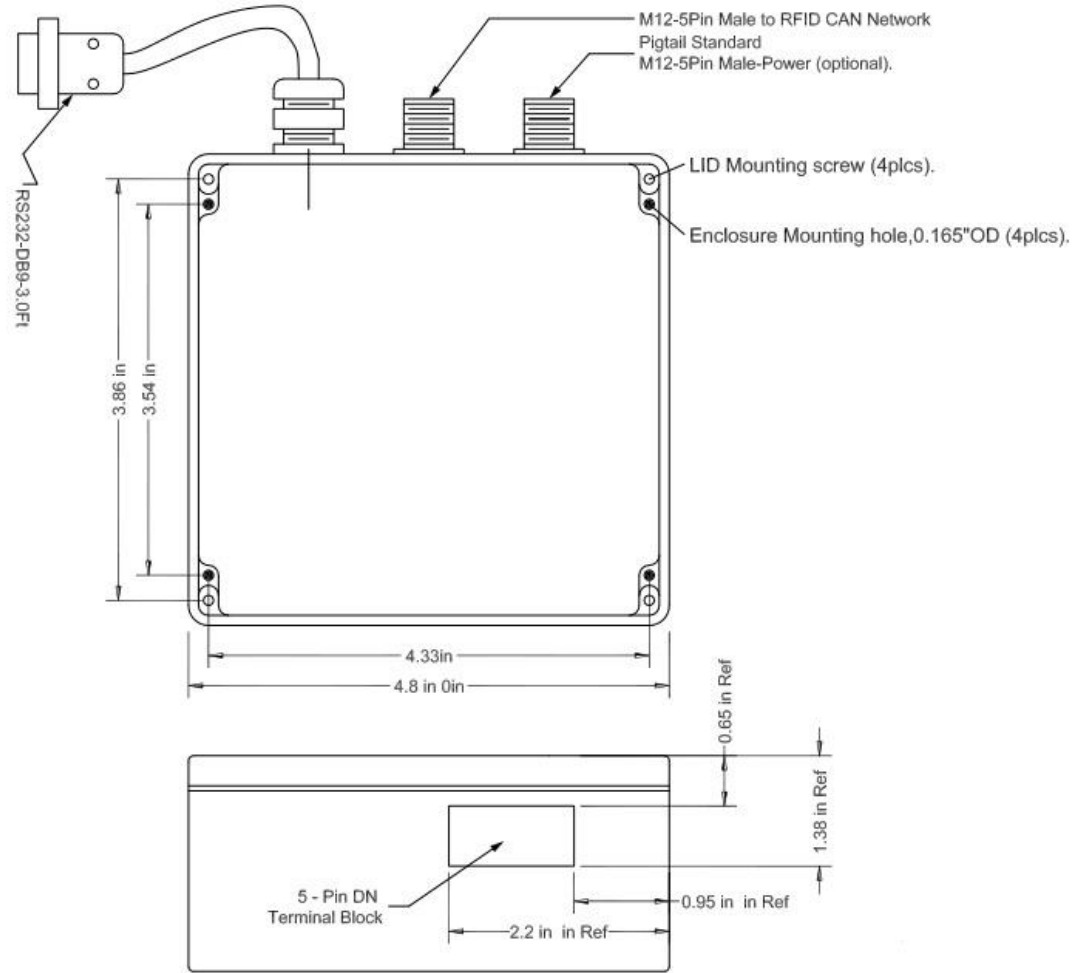
<b>Physical:</b>	Dimensions (w/o connectors):	4.8" square x 2.175"	122mm square x 55mm
	Weight (w/o cable):	11 oz.	312 grams
	Connector Options:	CAN Port(s): M12 or Pigtails RS232 Port: 9pin D-sub Ethernet/IP: RJ45 TCP/IP: RJ45 DeviceNet: Profibus: Modbus TCP Port: RJ45 Modbus RTU: 9pin D-sub	Power: Quick Connect power jack or Pigtails or power thru M12

<b>Electrical:</b>	Input:	8VDC – 28VDC	
	Draw:	125mA min – 200mA max	150mA typical

<b>Materials:</b>	Housing, Base:	Polycarbonate, opaque	NEMA 4X
	Lid:	Polycarbonate, clear	
	LED:	On = power	Blink = read achieved

<b>Environment:</b>	Storage Temperature:	-40°F to 185°F	-40°C to +85°C
	Operating Temperature:	-40°F to +131°F	-40°C to +55°C
	Ingress Protection:	IP-50	

Ethernet/IP Interface w/M12 Connectors Drawing Shown



In the 2nd table below, substitute the 2<sup>nd</sup> field (8030) with the following for other communication protocols as follows:

8030 = RS232
8040 = Ethernet/IP
8050 = TCPIP
8070 = Profibus
8075 = PROFINET
8080 = Modbus TCP
8085 = Modbus RTU

<b>Part Numbers:</b>	801-8030-04SA08	M12 connector	8 characters data
	801-8030-14SA08	Pigtail wiring	8 characters data
	801-8030-04SA16	M12 connector	16 characters data
	801-8030-14SA16	Pigtail wiring	16 characters data
	801-8030-24SA08	Dual pigtail wiring	8 characters data
	801-8030-24SA16	Dual pigtail wiring	16 characters data



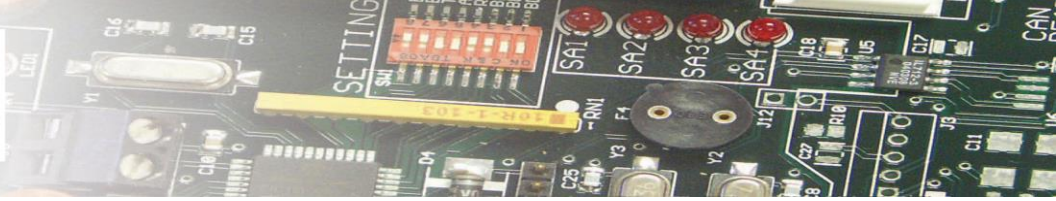
**Smart Antennas Read Range Matrix in Inches** (Write Range is 5% to 50% less than Read Range dependent upon combination)

Tag Model Number ↓ Smart Antenna Model →	5100	5110	5120	5130	5131	5131+
1762 – 1765 – 1768 - 1769 30mm diameter Tags	1.25	2.0	1.75	<b>Dependent</b>	1.0	1.25
1763 20mm Button Tag	1.0	1.25	0.5	<b>On</b>	0.75	1.0
1766 25mm PVC Laminate Tag	1.0	1.5	0.75	<b>External</b>	0.75	1.0
1767 50mm Potted Dome Tag	2.0	3.75	3.0	<b>Antenna</b>	1.5	2.25
1770 Credit Card (ISO)	2.0	3.0	3.25		1.5	1.75
1771 35mm PVC Laminate Tag	1.5	2.0	1.75	<b>Internal</b>	1.25	1.25
1772 22mm High Temp Tag	1.25	2.0	1.25	<b>Antenna</b>	1.0	1.25
1772-HT30 High Temp 30mm Tag	1.5	2.0	1.5	<b>Option</b>	1.0	1.25
1772-HT50 High Temp 50mm Tag	2.0	2.5	2.5	<b>Same as</b>	1.5	1.5
1773 Keyfobs	Dependent	Upon	Size	<b>Model 5110</b>		
1774 Coffin Tag	0.75	1.5	0.5		0.5	1.0
1776 Wrist Bracelet	1.25	2.0	1.75		1.0	1.25
1778 12mm Pill Tag	0.75	1.0	--		0.5	0.75
1779 16mm Laundry Tag	0.75	1.25	0.5		0.5	1.0
1781M1 Bar Tag, Ferrite coil	1.0	2.25	4.0		0.75	1.50
1781M2 Bar Tag, Planar coil	1.25	2.25	2.0		1.0	1.50
1786 Hockey Puck Tag	2.25	3.5	4.0		1.75	2.25
1787 Lipstick Tag	1.5	2.75	3.25		1.25	1.75
1788 Tank Tag	1.0	1.5	0.5		0.75	1.0
1791 Deck of Cards Tag	2.25	3.5	4.0		1.75	2.25
1795 Frisbee Tag, 6" diameter	3.0	5.0	7.0		2.25	3.0
1796SM Mini-Monster Tag	2.5	4.0	5.5		2.0	2.50
1796 Monster Tag, 8" x 6.75"	3.0	5.25	8.5		2.25	3.25

Tag Model Number ↓ Smart Antenna Model →	5150	5155	5160	5180	5181
1762 – 1765 – 1768 - 1769 30mm diameter Tags	3.5	4.5	--	2.0	1.0
1763 20mm Button Tag	1.5	2.5	--	1.0	1.0
1766 25mm PVC Laminate Tag	2.25	3.0	--	1.25	1.0
1767 50mm Potted Dome Tag	5.5	6.5	5.0	3.25	1.0
1770 Credit Card (ISO)	6.0	7.0	5.25	3.5	1.0
1771 35mm PVC Laminate Tag	3.75	4.5	1.25	2.0	1.0
1772 22mm High Temp Tag	3.25	4.0	--	1.5	1.0
1772-HT30 High Temp 30mm Tag	3.5	4.0	1.0	2.0	1.0
1772-HT50 High Temp 50mm Tag	5.0	5.5	4.5	3.50	1.0
1773 Keyfobs	Dependent	Upon	Keyfob	Size	
1774 Coffin Tag	1.25	3.0	--	0.75	1.0
1776 Wrist Bracelet	3.5	4.5	--	2.0	1.0
1778 12mm Pill Tag	--	3.25	--	0.25	1.0
1779 16mm Laundry Tag	1.0	2.0	--	1.0	1.0
1781M1 Bar Tag, Ferrite coil	5.25	7.0	6.25	2.75	1.0
1781M2 Bar Tag, Planar coil	4.5	5.5	3.0	2.5	1.0
1786 Hockey Puck Tag	7.0	7.0	8.0	4.0	1.0
1787 Lipstick Tag	5.75	7.0	6.75	3.25	1.0
1788 Tank Tag	1.75	2.5	--	1.0	1.0
1791 Deck of Cards Tag	7.0	7.0	7.5	4.0	1.0
1795 Frisbee Tag, 6" diameter	11.0	13.0	14.0	7.5	1.0
1796SM Mini-Monster Tag	9.0	10.0	10.0	5.0	1.0
1796 Monster Tag, 8" x 6.75"	12.0	15.0	15.0	8.0	1.0







### Model 3039E-SA USB Desktop Reader/Programmer

Connection: USB B  
Power: Power over USB  
Enclosure: ABS Black, 3.5" x 2.5" x 1" w/ears  
LED: Power & Read Indicator  
Op Temp: -40 to +55°C  
Non-Op Temp: -55 to +85°C

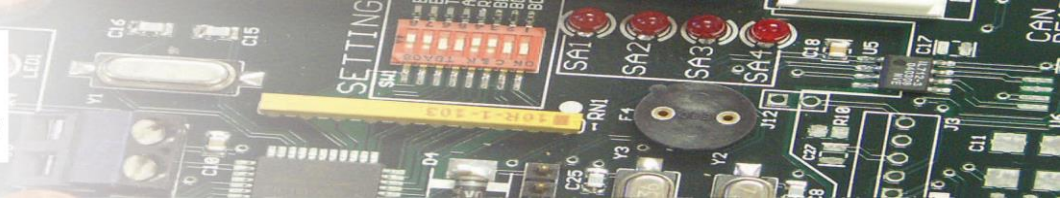


### Model 3036E Hand Held Reader Programmer

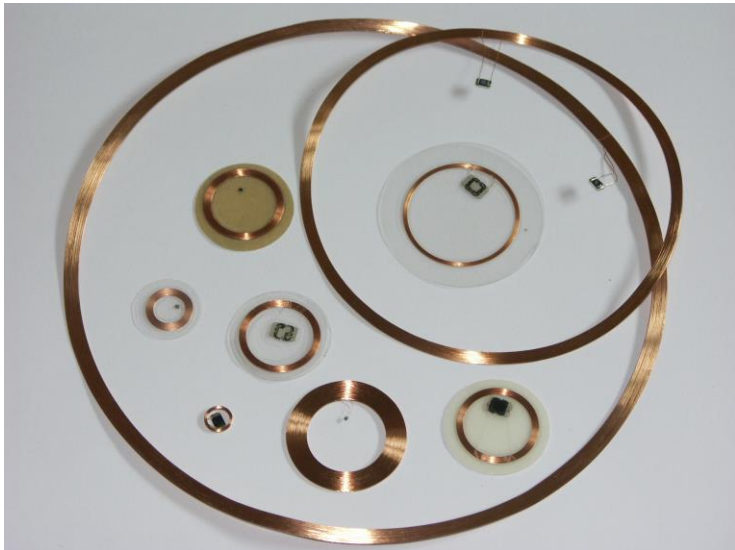


Operation: Stand alone, no need for software or PC  
Power: Operates on rechargeable battery or via AC power supply  
Power supply: Also acts as charger, 12vdc, 500mA  
Enclosure: ABS Black, approximately 9" x 5" x 1.5"  
LCD: 2 lines x 32 characters  
Op Temp: -40 to +55°C  
Non-Op Temp: -55 to +85°C





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Potted Industrial Tags



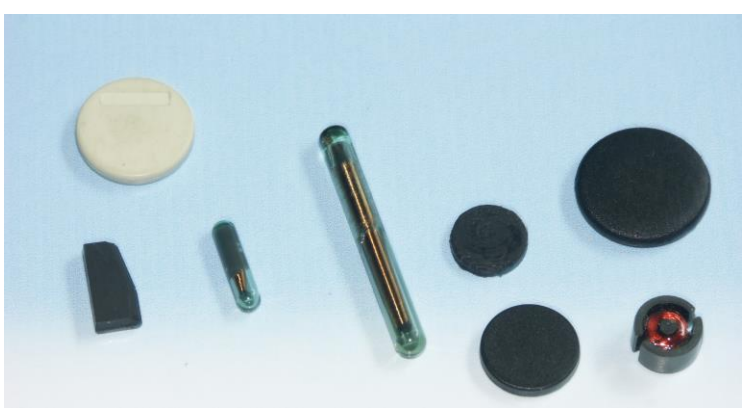
High Temperature Tags (up to 260°C)



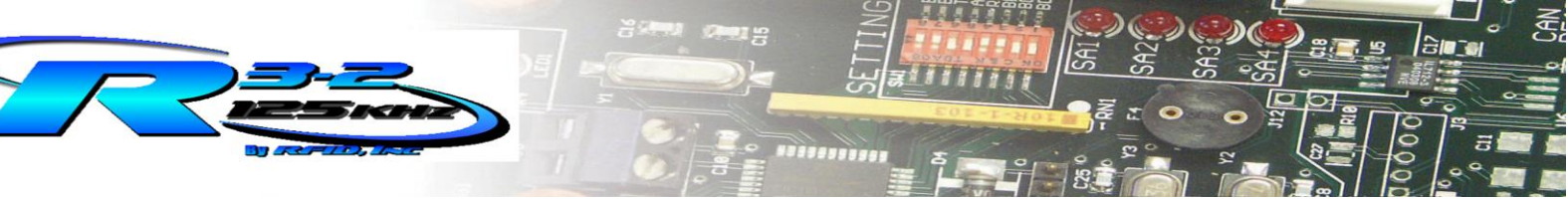
ABS Tags, 20mm, 25mm, 30mm, 35mm, 50mm



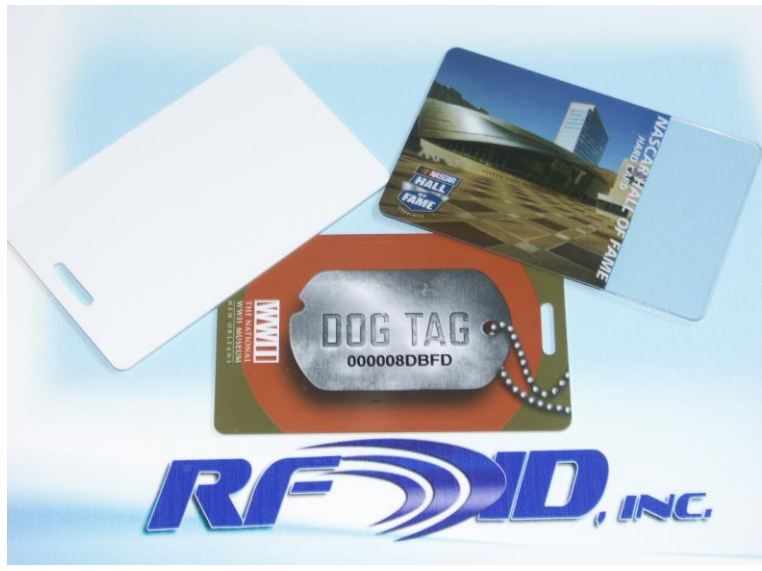
Bolt, Screw, Nail, Cable Tags



Small Tags - Glass Ampoules, Laundry, Flush Mount Metal Tags



Wristbands



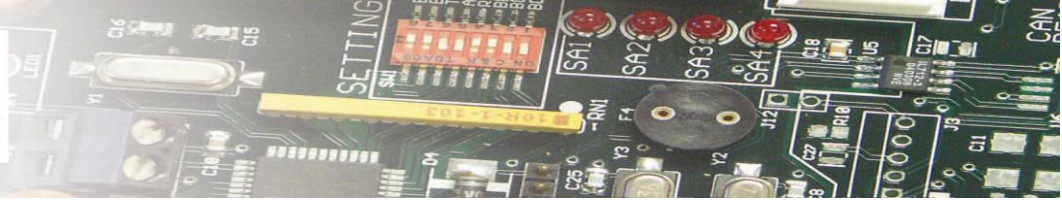
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PVC Laminates, Labels, Sticker Tags



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Power Motion (MO, KS, AK, OK, LA, IL)
Power/mation (MN, IA, WI, IL)
Precise Motion (FL)
Proud Company (western PA)
PRI (NY, NJ)
RR Floody (IL, IA)
Taylor Data (SC, NC, FL)
Valin Corporation (CA, AZ, UT, NV, WA, OR, ID)

