

# Logic Beach Inc. Instrument Price List

Effective: February 1, 2019

[www.logicbeach.com](http://www.logicbeach.com)

## IntelliLogger Data Logging and Alarming System

LBI PN:	Sales PN:	Description	List Price
9080.50010	IL-10	IntelliLogger - Data acquisition and alarm server. 7 inputs: 3 differential bipolar analog 12 bit, 4 hi-speed digital. 7 outputs: 2-TTL level digital, 2- 0 to 10vdc analog, 2 form C relays, 1-5VDC output, onboard memory for apx 160,000 readings. System includes: CD with PDF manual and Hyperware II, 120VAC to 12Vdc power supply adapter, USB and Ethernet Standard and Crossover Cables.	\$ 980.00
9080.50020	IL-20	Same as IL-10 but includes B-Bus expansion port for interface to external ILIM-x channel expansion modules.	\$ 1,080.00
9080.50000	IL-80	IL-20 and ILIM-7 packaged into one instrument housing. ILIM-7 adds high resolution, isolated analog inputs (see ILIM-7 description below)	\$ 1,580.00
9080.50030	IL-90	IL-20 and ILIM-2 packaged into one instrument housing. ILIM-2 adds multiple event, count, frequency inputs and outputs (see ILIM-2 description below)	\$ 1,540.00
N/A - SOFTWARE	MRS Option	Modbus RTU Slave Option, adds Modbus RTU Slave feature whereby an external Modbus Master device can query Modbus registers within the IntelliLogger via RS-232 port. For RS-485 communication link utilize the SCC-1, RS-232 to RS-485 adapter (see below)	\$ 220.00
N/A - SOFTWARE	MRM Option	Modbus RTU Master Option, adds Modbus RTU Master comm whereby the IntelliLogger can query the Modbus registers within a connected Modbus Slave device via RS-232 port. For RS-485 communication link utilize the SCC-1, RS-232 to RS-485 adapter (see below)	\$ 280.00
N/A - SOFTWARE	MTS Option	Adds Modbus TCP/IP Server to the IntelliLogger allowing external Modbus Client devices to query the IntelliLogger's internal Modbus registers via Ethernet.	\$ 220.00
N/A - SOFTWARE	MTC Option	Adds Modbus TCP/IP Client whereby the IntelliLogger can query Modbus registers within a connected Modbus TCP Server device via the IL Ethernet port.	\$ 220.00
9080.50100	SCC-1	Serial Communication Converter; Converts the IntelliLogger "PC RS-232 Port" to RS-485 two or 4-wire which is commonly used w /Modbus RTU networked devices.	\$ 128.00
9080.50001	ILIM-7	Analog Expansion Module: 8 differential, isolated bipolar 18+ bit Analog inputs. 5' Cat 5 BBus cable provided. Specify and add 3539.30010 hanger or 3539.30000 bracket as desired.	\$ 560.00

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9080.50002	ILIM-2	Digital Expansion Module: 8 Event or Count input channels, 8 Event, Count or Output channels, 2 frequency input channels, 3 open collector output channels and 1 5Vdc output. Includes 5' Cat 5 BBus cable. Specify and add 3539.30010 hanger or 3539.30000 bracket as desired.	\$ 520.00
<b>IntelliLogger Accessories (optional enclosures, cables, mounting brackets, etc)</b>			
8050.91250	ILEnc-250	Enclosure, Small. NEMA-4X equivalent. Wiring access holes are in the bottom end of the unit and standard watertight glands are included. For wall/surface mounting specify the full back wall mount plate (3539.00003). System Integration options include cell phone modem, PSM-2, door mounted D-cell batteries. Size: 10.5"w x 14"h x 6.5"d (contact factory for configuration assistance)	\$ 250.00
8050.91300	ILEnc-300	Enclosure, Medium. NEMA-4X equivalent. Wiring access holes are in the bottom end of the unit and standard watertight glands are included. For wall/surface mounting specify the full back wall mount plate (3539.00004). System Integration options include cell phone modem, PSM-2, SRB-1212 batteries (up to 2) , photovoltaic panels, charge controller, etc for self-contained data logging system. Size 12"w x 18"h x 7"d	\$ 320.00
3522.70016	ILEnc-350	Enclosure, Large. NEMA-4X equivalent. Wiring access holes are in the bottom end of the unit and standard watertight glands are included. For wall/surface mounting specify the full back wall mount plate (3539.00005). Approx OD is 22h x14w x10d	\$ 385.00
8050.91215	D-Cell Battery Pack	Optional D Cell Battery Pack installed on door of IL-250/300/350	\$ 75.00
N/A - SOFTWARE	M2M Probe Sweep	IntelliLogger FTP data consolidation software (optional). Runs in conjunction with an FTP server to consolidate data received (by the FTP server) from one or more IntelliLoggers into a common database.	\$ 1,395.00
N/A	IL-MAN	Printed and bound IntelliLogger and HyperWare-II User's Manual.	\$ 88.00
9080.50050	BPB-1	BBus Power Booster required when more than ~5 Interface Modules are connected to IntelliLogger. Includes 120/240Vac to 12Vdc power supply and 3 ft Ethernet cable.	\$ 220.00
9020.50090	Bbus Term-1	Bbus Termination Stub; terminates Bbus cable network minimizing reflected signal distortion	\$ 12.00
3522.15004	FTG-Eth-NPT1/2	Gland Fitting; large for Ethernet RJ45 Plug ingress to enclosures	\$ 9.00

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3522.15011	FTG-Ant-PG11	Gland Fitting; medium for ANT-MAG-12 antenna coax connector ingress to enclosures	\$ 9.00
9020.50060	CBL-E-X-5	Cable, CAT5 Ethernet CROSSOVER (For PC direct to IL via Ethernet) 5ft.	\$ 14.00
9020.50005	CBL-E-S-1	Cable, CAT6 Ethernet Standard (Ethernet or Bbus interconnect)) 1ft.	\$ 5.00
9020.50008	CBL-E-S-3	Cable, CAT6 Ethernet Standard (Ethernet or Bbus interconnect)) 3ft.	\$ 7.00
9020.50012	CBL-E-S-10	Cable, CAT5 Ethernet Standard (For IL to Hub/Router via Ethernet) 10ft.	\$ 12.00
9080.00044	CBL-RS-6	Cable, RS-232 (DB-9M/F) 6ft	\$ 9.00
9020.40000	N/A	Cable, USB 6ft. Type A and B connectors for IntelliLogger to PC connection.	\$ 9.00
3539.30000	N/A	Module Mounting Bracket; for attachment of an additional ILIM-x module to the back of an IntelliLogger or for fastening ILIM-x modules together. Multiple modules can be attached using additional brackets.	\$ 8.00
3539.30010	N/A	Surface Mounting Plate, for surface mounting IntelliLogger and/or ILIM-x Modules with top and bottom tabs (0.06 alum, 4.7" x 12.4"). Bracket mounts to back of IL or Module and extends above and below.	\$ 16.00
3539.00003	N/A	IL-250 Surface Mounting Plate (0.090 aluminium, 6.6" x 17"). Mounts to back of IL-250 enclosure and extends above and below for screw attachment to surface.	\$ 32.00
3539.00004	N/A	IL-300 Surface/Wall Mounting Plate (0.090 aluminium, 6.6" x 20.4"). Mounts to back of IL-300 enclosure and extends above and below for screw attachment to surface.	\$ 32.00
3539.00005	N/A	IL-350, wall / surface mounting plate. Mounts to back of IL-350 enclosure and extends above and below for screw attachment to surface.	\$ 36.00

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9080.03100	CF-IND-128MB	Compact Flash memory card, 128MB (apx 10 million logged data sample capacity) industrial temperature range, 0 Wait State and 100% tested for rugged environments. Used with IntelliLogger family.	\$ 48.00
<b>PSTN Modems (Optional landline connected phone modems for IntelliLogger)</b>			
9080.50350	MDM-10/PS	Industrial wide-temperature range, -40F to 140F, PSTN modem. Includes DB-9 serial cable for IL connection, AC power supply and line cord, telephone cable, and configuration software. Vdc input range of 6-48Vdc, nominal 75mA@12Vdc.	\$ 299.00
9080.50305	MDM-5	Non-industrial Temp (32 to 122F) PSTN modem with 120Vac P/S and RS-232 cable. For US and Canada installations.	\$ 139.00
N/A	MDM-5EU	Non-industrial Temp (32 to 122F) PSTN modem with 220Vac P/S and RS-232 cable. For European installations.	\$ 139.00
9020.60003	MDM-10-Pigtail	Power Pigtail with fuse and connector for DC powering the MDM-10 modems (as an alternative to the wall-wart)	\$ 17.00
<b>Cellular Data Modems (Optional Packet-Switched digital cellular modems for IntelliLogger)</b>			
9080.50470	CM-RV50	4G Cellular modem, supports 4G LTE, 3G and 2G. Verizon, AT&T, Sprint, T-Mobile, US Cellular carriers supported via SIM card. 7-36Vdc supply voltage. Unit provided with pigtail for DC supply voltage connection. Optional AC Power Adapter is available (see below)	\$ 589.00
	LBI-2000579	120Vac Power Adapter for CM-RV50 cellular data modem.	\$ 20.00
Canada		Contact Logic Beach for Canadian cell phone options	
<b>Cellular Modem Antennas and Accessories: (for CP Series modems... above)</b>			
9080.10020	ANT-MAG-12	Antenna, magnetic mount, 12" tall, omnidirectional whip with 10' of RG174 (0.1" dia) coax cable. 5dB dual-band for 850 and 1900MHz. Requires 5" dia min ground plane. Use optional ANT-MTG BKT for right angle pole mounting. Use optional FTG-ANT gland fitting to implement sealed cable pass-through into weatherproof enclosures.	\$ 42.00

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3082.10040	ANT-MAG-6	Antenna, mini-magnetic mount, 4.2" tall Omnidirectional whip with 10' of RG174 (0.1" dia) cable. 2dB dual-band for 850 and 1900MHz. Requires 5" dia min ground plane. Use optional ANT-MTG-BKT for right angle pole mounting	\$ 37.00
9080.10040	ANT-NGPR-32	Antenna, stud mount with integrated ground plane, omnidirectional whip. 12' of RG-58 cable projects from side of base. Water tight gland fitting installed on cable for enclosure egress. 5dB dual band for 850 and 1900MHz. 3/8"-24 mtg stud at bottom.	\$ 85.00
N/A	ANT-YAG-850MHz	Antenna, Yagi directional, 10dBi for 850MHz cellular band. Includes pole mount clamp for up to 2" pipe. Cable pigtail with N-connector. Use with extension cables, CBL-YAG-10 or 20. Install using signal strength indicator on modem for aiming. <b>Note:</b> for 850MHz band applications ONLY.	\$ 79.00
3082.10030	ANT-YAG-1900MHz	Antenna, Yagi directional, 13dBi for 1900MHz PCS band. Includes pole mount clamp for up to 2" pipe. Cable pigtail with N-connector. Use with extension cables, CBL-YAG-10 or 20. Install using signal strength indicator on modem for aiming. <b>Note:</b> for 1900MHz PCS band applications only	\$ 79.00
3539.80010	ANT-MTG-BKT	Right angle mounting bracket for pole mount of antennas. Provides ground plane. Unit ships with 3 pipe clamps for pole mounting on 1.5" (2 clamps) and 2" (1 clamp) O.D. pole.	\$ 48.00
N/A	CBL-YAG-10	Coax extension cable, 10 ft for Yagi antennas (ANT-YAG-900 and 1900 above). Cable has N connector on one end for Yagi connection and a TNC on other for connection to modem. Gland fitting for sealed penetration through the I/O plate.	\$ 28.00
N/A	CBL-YAG-20	Coax extension cable, 20 ft extension for Yagi antennas (ANT-YAG-900 and 1900 above). Cable has N connector on one end for Yagi connection and a TNC on other for connection to modem. Gland fitting LBI for sealed penetration through the I/O plate.	\$ 32.00

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9080.50490	SC-SOLOL-15	<b>3G</b> Cell Modem Booster Amp; Use with 3G cellular data modem to improve transmit and receive range. Includes amp, 3dB omni-directional antenna with integral cable, 5ft RG58 cable to connect between modem and amp, 120/240Vac 50/60Hz power supply (5-15Vdc to amp). Supports all carriers 3G service and both 800 and 1900 MHz ranges.	\$ 220.00
9080.50492	SC-SoloVI-15	<b>4G Cellular Booster, Verizon and AT&amp;T 4G ONLY</b> Cell Modem Booster Amp; Use with CM-RV50 4G cellular data modem to improve transmit and receive range. Includes amp, 3dB omni-directional antenna with integral cable, 5ft RG58 cable to connect between modem and amp, 120/240Vac 50/60Hz power supply (5-15Vdc to amp). Supports Verizon and AT&T 4G network.	\$ 230.00
<b>Wireless Ethernet Bridge; Short Range (&lt;1000') for Wireless IntelliLogger connection into LAN</b>			
9020.00013	IL-EB-SR	Wireless Ethernet (WiFi) Bridge- 802.11b/g Short range, less than 1000ft. Includes cable, 120Vac to 5Vdc power supply and config software. Connects IntelliLogger to commercially available 802.11b/g Access Point on LAN.	\$ 325.00
<b>Wireless Ethernet Bridge; Medium Range (up to 10 miles) for Wireless IntelliLogger connection to LAN</b>			
	IL-EB-MR	Wireless Ethernet bridge pair (one at IntelliLogger and one connected to LAN), 900mHz, 128 byte encryption, matched pair for plug and play installation. 1000'+ indoor up to 15 miles outdoor depending upon antenna and obstructions. Includes: (two each): Weatherproof NEMA-4 housed bridges, 2.5dB omni-directional antennas, 12Vdc 110/240VAC power supply, and Ethernet power injectors (not weatherproof).	\$ 1,249.00
	IL-EB-MR-YAG10	Yagi 10dB directional with 10" cable and integral RPTNC connector for direct radio connection. Includes wall mounting bracket. Extends IL-EB-MR range.	\$ 135.00
	IL-EB-MR-YAG15	Yagi 15dB directional with 10" cable and integral RPTNC connector for direct radio connection. Includes wall mounting bracket. Extends IL-EB-MR range.	\$ 160.00
<b>Wireless Ethernet Bridge; Long Range, (up to 20 miles) for Wireless IntelliLogger connection to LAN</b>			

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	IL-EB-LR-NEMA	Wireless Ethernet (WiFi) Bridge system with remote NEMA housed radio. DIN rail mount Ethernet Interface module connects to IntelliLogger and to weatherproof 900 MHz radio located near to antenna. Includes: 120Vac power adapter, Crossover and Standard Ethernet cables and RS-232 programming cable. Other items required: Ethernet Interface Module to radio interconnect cable (3 lengths available). Yagi or Omni antenna. Omni antenna requires additional coax cable to connect antenna to the radio. Yagi antenna comes with 24" coax pigtail and TNC connector for direct radio connection.	\$ 1,549.00
	IL-EB-LR-DIN	Long Range 900MHz Ethernet Bridge system for protected environment applications. DIN rail mount unit includes radio and Ethernet interface in single housing with TNC coax cable antenna connector. Includes: 120Vac power adapter, Crossover and Standard Ethernet cables, RS-232 programming cable and 2dBi 9" omnidirectional antenna. OPTIONAL application specific components: Yagi directional antenna (see below) Higher gain omnidirectional antenna (requires coax cable to connect Omni to the radio)	\$ 1,195.00
	CBL-Rad-Eth-100	Cable, Radio to Ethernet Interface Module power and data interconnect cable, 100'	\$ 200.00
	CBL-Rad-Eth-200	Cable, Radio to Ethernet Interface Module power and data interconnect cable, 200'	\$ 245.00
	CBL-Rad-Eth-300	Cable, Radio to Ethernet Interface Module power and data interconnect cable, 300'	\$ 290.00
	YAG-900-9dB	Antenna, 900MHz YAGI 9dB directional antenna with integral 24" coax cable and TNC connector for direct connection to the IL-EB-LR radio.	\$ 89.00
	OMNI-900-2dB	Antenna, 900MHz omnidirectional 2dB 9" rubber antenna with RP TNC connector which allows for direct connection to the IL-EB-LR radio.	\$ 59.00
	OMNI-900-5dB	Antenna, 900MHz omnidirectional 5dB with N female connector. Requires coax cable to connect to TNC on radio (below).	\$ 139.00
	OMNI-CBL-120	Coax Cable for omnidirectional antenna to radio connection, 10 ft length	\$ 85.00
	OMNI-CBL-24	Coax Cable for omnidirectional antenna to radio connection, 2 ft length	\$ 60.00

\* Actual communication distance varies as a function of site conditions. Distances provided are best case LOS (Line of Sight) and results may be different than stated.

**IntelliLogger Mini System**

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9080.50060	IL-Mini	IntelliLogger IL-Mini data logger instrument. Includes weatherproof enclosure w/wiring ports and gland fittings. 4 line x 20 character liquid crystal display. Four analog inputs. One general purpose digital input, Two user programmable LED Indicators, 50,000 reading internal memory, USB connectivity, ON/OFF switch, CD containing PDF user manual. Specify additional desired options listed below:	\$ 390.00
9080.50062	IL-Mini-Batt	Same as IL-Mini with the addition of integral 6 alkaline D-cell battery pack (deeper enclosure to house battery holder and batteries included)	\$ 450.00
9080.50063	IL-Mini-Batt/PSM-4	Same as IL-Mini with the addition of integral 6 alkaline D-cell battery pack (deeper enclosure and batteries included) plus 10, 15 or 24Vdc output (field selectable output) 100mA high-efficiency power supply with On/Off control for transducer excitation power. Standard use utilizes IL-Mini digital output to control On/Off state.	\$ 550.00
<b>IL-Mini Options</b>			
N/A - SOFTWARE	MN-WP	Wide range power input (typically used for vehicle powered applications)	\$ 90.00
N/A - SOFTWARE	MN-EXM	Expanded data storage memory (~160,000 reading internal data memory)	\$ 40.00
N/A - SOFTWARE	MN-CF	Compact Flash memory card socket. Includes one industrial temp, 0 wait-state CF card (10 million+ reading capacity)	\$ 80.00
N/A - SOFTWARE	MN-EXMCF	Data Storage bundle; -EXM and -CF options both provided	\$ 110.00
N/A - SOFTWARE	MN-TC	Adds direct J, K, E, T, R, S, and N type thermocouple input to all 4 analog input channels	\$ 40.00
N/A - SOFTWARE	MN-MA	Adds 8 ranges of current (mA) to all 4 analog input channels (includes 4-20mA range)	\$ 40.00
N/A - SOFTWARE	MN-HV	Adds 3 higher Vdc ranges to all 4 channels	\$ 40.00
N/A - SOFTWARE	MN-TCMAHV	Input Bundle; adds -TC, -MA, and -HV inputs to all 4 analog input channels	\$ 100.00



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<b>Outputs Explained:</b>		<i>The IL-Mini ships standard with one digital output. Optionally it can be provided with a total of 2 digital outputs OR one relay and one digital output OR two relay outputs per time of order options below:</i>	
N/A - SOFTWARE	MN-2DO	Adds one 0/5Vdc digital output (System total of two Digital outputs)	\$ 20.00
N/A - SOFTWARE	MN-1DO1R	Adds one relay output (System total of one relay and one Digital output)	\$ 25.00
N/A - SOFTWARE	MN -2R	Two relay outputs (omits the normally included Digital Output)	\$ 50.00
N/A - SOFTWARE	MN-2DO1R	Adds a relay and additional 0/5Vdc digital output (System total: 1 relay and 2 Digital outputs)	\$ 65.00
<b>Modbus Options:</b>			
N/A - SOFTWARE	MN-MRM	Adds Modbus RTU Master capability	\$ 280.00
N/A - SOFTWARE	MN -MRS	Adds Modbus RTU Slave capability	\$ 220.00
<b>IL-Mini Software, Accessories and Upgrades</b>			
N/A - SOFTWARE	HW2M	HyperWare-II for IL-Mini Single User License. Can be installed on up to 3 PC's (eg laptop, office PC, home PC) for use by a single user.	\$ 120.00
9080.00002	DCXFR-12V-1A	Power Supply. Input: 110 - 240VAC, regulated output 12Vdc @ 1Amp (typically required for IL-Mini™ power if Dbatt option or other power source is not available at deployment location.	\$ 25.00
9080.00017	DCXFR-24V-1A	Power Supply. Input: 110 - 240VAC, regulated output 24Vdc @ 1Amp; this power supply is commonly used in applications with grid power that require IL-Mini™ power as well as loop power for 4-20mA type transmitters.	\$ 30.00
3539.22000	MTGBKT-Mini	Surface/Wall mounting bracket (3539.22000). Includes attachment machine screws for IL-Mini	\$ 18.00
9020.50015	N/A	USB cable, A to Mini-B (typically required for PC to IL-Mini™ communications. Note...this is a common cable used for many devices so you may already have one!)	\$ 12.00
9080.03100	CF-IND-128MB	Compact Flash memory card, 10 million+ reading capacity, 0-wait state, 100% tested, industrial temp (requires -CF or -EXMCF option )	\$ 48.00

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<b>Accessories, Common Data Logging System Options</b>			
<b>System Integration Options (see systems under product families above)</b>			
9080.00002	DCXFR-12V-1A	Power Supply. Input: 110 - 240VAC, regulated output 12Vdc @ 1Amp. (supplied with HL, and IL)	\$ 25.00
9080.00017	DCXFR-24V-1A	Power Supply. Input : 100-240Vac, regulated output 24Vdc @ 1Amp, 2.1x5.5mm barrel connector.	\$ 30.00
3080.00009	SRB-1202	12V, 2AH Gel Cell (used in RPS)	\$ 28.00
3080.00010	SRB-1212	Battery, AGM, sealed lead acid; 12Vdc/12Ah. Order up to 2 for IL-300.	\$ 75.00
3080.00011	CHGR-12 -500mA	Battery Charger, 100-240Vac input; 12Vdc output @ 500mA, 2.5mm coax connector on output cable	\$ 36.00
3080.00015	CHGR-12-1200mA	Battery Charger, 100-240Vac input; 12Vdc output @ 1200mA, 2.5mm coax connector on output cable	\$ 48.00
N/A	CHGR-12-2500mA	Battery Charger, 100-240Vac input; 12Vdc output @ 2500mA, 120Vac line cord and cable with alligator clips for battery connection	\$ 58.00
N/A	CHGR-24-500mA	Battery Charger, 100-240Vac input; 24Vdc output @ 500mA, 2.5mm coax connector on output cable	\$ 48.00
3080.00014	CHGR-24-1200mA	Battery Charger, 100-240Vac input; 24Vdc output @ 1200mA, 120Vac line cord and cable with alligator clips for battery connection.	\$ 58.00
N/A	PV-12V-xxW	Photovoltaic Panel; 12Vdc output with integral weatherproof wiring box, specify desired wattage.	Contact Factory
N/A	PV-24V-xxW	Photovoltaic Panel; 24Vdc output with integral weatherproof wiring box, specify desired wattage.	Contact Factory
N/A	LBI-CC-SS6L	Charge Controller, 12Vdc/6A with Temp comp and Low Voltage Disconnect	\$ 88.00
3046.00010	Fuses - 3A	3A Fuses for IntelliLogger power, 5 fuses/pack	\$ 24.00

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3046.00016	Fuses - 50mA	50mA Fuse for IntelliLogger and IL-Mini series inputs, 5 fuses/pack (Note: These 50mA fuses are now used instead of the previously provided 100mA fuses for analog input channel protection. They can be readily substituted for the 100mA rated parts)	\$ 26.00
3522.15000	FTG-PG9-RDCR	Liquid-Tight Fitting; Gland type sealing fittings for I/O Wiring Plate in HyperLogger (not for submersion). Standard threaded shank length of 0.32". Fits hole dia of 15mm (nominal 5/8"). Package of 6.	\$ 14.00
3522.15009	FTG-PG9LTB	Liquid-Tight Fitting, long shank; Gland type sealing fittings (not for submersion) for I/O wiring in IL-250, 300, etc enclosures. Extra long threaded shank length of 0.57" Fits hole dia of 15mm (nominal 5/8"). Package of 6.	\$ 18.00
3522.15003	FTG-PG7-RDCR	Liquid-Tight Fitting; Gland type sealing fittings for IL-Mini (not for submersion) Threaded shank length of 0.31". Fits hole dia of 0.5". Package of 6.	\$ 14.00
9080.03100	CF-IND-128MB	Compact Flash memory card, 10 million+ reading capacity, 0-wait state, 100% tested, industrial temp (requires -CF or -EXMCF option )	\$ 48.00
<b>Sensor Power Supply Options (for field excitation of sensors from battery source)</b>			
9982.00000	PSM-2	Sensor Excitation / Loop Power Supply. Door mounted module steps up logger battery voltage for 4-20mA-loop power and other sensor excitation rqmnts. Field pgmble output voltages 5, 10, 15 and 24Vdc. 100mA maximum.	\$ 180.00
9982.00300	PSM2-PP	Stand-alone PSM-2 mounted in a small (4.8x8.8x2.9) portable package with 6 D-cells	\$ 240.00
<b>Wireless Sensor Network Components</b>			
<b>Gateway (900MHz)</b>		<i>Gateways interface the Wireless sensor network to a Modbus RTU RS-485 link. The SCC-1 is then used to interface the RS-485 to the IntelliLogger RS-232 Modbus RTU port.</i>	
N/A	DX80G9M2S-P	Wireless network to RS-485 Modbus Gateway (10-30Vdc and 3.6 to 5.5Volt, ~50mA power) 900MHz	\$ 570.00
<b>Nodes (900MHz)(10-30Vdc power)</b>		<i>(Nodes are the remote RF connected signal conditioning modules that transmit their connected input signals and sensor data back to the Gateway)</i>	

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N/A	DX80N9X6S8P4	8 discrete inputs, 4 discrete sourcing outputs, 10-30Vdc power, (IP-67 enclosure)	\$ 719.00
N/A	DX80N9X6S8P4C	.....same as above but has external terminal strip connections (IP-20 enclosure)	\$ 719.00
N/A	DX80N9X6S4P8	4 discrete inputs, 8 discrete sourcing outputs, 10-30Vdc power, (IP-67 enclosure)	\$ 719.00
N/A	DX80N9X6S4P8C	.....same as above but has external terminal strip connections (IP-20 enclosure)	\$ 719.00
N/A	DX80N9X6S6P6	6 discrete inputs, 6 discrete sourcing outputs, 10-30Vdc, power (IP-67 enclosure)	\$ 719.00
N/A	DX80N9X6S6P6C	.....same as above but has external terminal strip connections (IP-20 enclosure)	\$ 719.00
N/A	DX80N9X6S6N6	6 discrete inputs, 6 discrete sinking outputs, 10-30Vdc, power (IP-67 enclosure)	\$ 719.00
N/A	DX80N9X6S6N6C	.....same as above but has external terminal strip connections (IP-20 enclosure)	\$ 719.00
N/A	DX80N9X6S0P0M4M	4 Analog 0-20mA inputs, 4 Analog 0-20mA outputs , 10-30Vdc, power (IP-67 enclosure)	\$ 719.00
N/A	DX80N9X6S0P0M4M	.....same as above but has external terminal strip connections (IP-20 enclosure)	\$ 719.00
N/A	DX80N9X6S0P0V4V4	4 Analog 0-10Vdc inputs, 4 Analog 0-10Vdc outputs, 10-30Vdc, power (IP-67 enclosure)	\$ 719.00
N/A	DX80N9X6S0P0V4V4	.....same as above but has external terminal strip connections (IP-20 enclosure)	\$ 719.00
N/A	DX80N9X6S4P4M2M	2 Analog 0-20mA Inputs, 2 Analog 0-20 Outputs, 4 discrete inputs, 4 discrete sourcing outputs, 10-30Vdc, power (IP-67 enclosure)	\$ 719.00
N/A	DX80N9X6S4P4M2M	.....same as above but has external terminal strip connections (IP-20 enclosure)	\$ 719.00
N/A	DX80N9X6S4P4V2V2	2 Analog 0-10Vdc Inputs, 2 Analog 0-10Vdc Outputs, 4 discrete inputs, 4 discrete sourcing outputs, 10-30Vdc, power (IP-67 enclosure)	\$ 719.00
N/A	DX80N9X6S4P4V2V2	.....same as above but has external terminal strip connections (IP-20 enclosure)	\$ 719.00
<b>Nodes (900Mhz)(10-30Vdc or 3.6-5.5Vdc)</b>			
N/A	DX80N9X2S4N4	4 discrete inputs, 4 discrete sinking outputs. 10-30Vdc or 3.6-5.5Vdc power (IP-67 enclosure)	\$ 719.00

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## IntelliLogger Data Logging and Alarming System

LBI PN:	Sales PN:	Description	List Price
N/A	DX80N9X2S4N4C	....same as above but has external terminal strip connections (IP-20 enclosure)	\$ 719.00
N/A	DX80N9X2S4A2	2 counter inputs OR 1 counter and 1 Freq input (field selectable), 2 discrete inputs, 2 discrete sinking outputs, 10-30Vdc or 3.6-5.5Vdc power (IP-67 enclosure)	\$ 719.00
N/A	DX80N9X2S4A2C	....same as above but has external terminal strip connections (IP-20 enclosure)	\$ 719.00
N/A	DX80N9X1S2A1	1 counter/freq input, 1 discrete input, 1 discrete sinking output, 10-30Vdc or 3.6-5.5Vdc power (IP-67 enclosure). Comes with integral lithium battery in package for node power.	\$ 719.00
N/A	DX80N9X1S2A1C	....same as above but has external terminal strip connections (IP-20 enclosure)	\$ 719.00
N/A	DX80N9X2S2N2T	3 thermocouple inputs, 1 thermistor (for CJC), 2 discrete inputs, 2 discrete sinking outputs, 10-30Vdc or 3.6-5.5Vdc power (IP-67 enclosure)	\$ 719.00
N/A	DX80N9X2S2N2TC	....same as above but has external terminal strip connections (IP-20 enclosure)	\$ 719.00
N/A	DX80N9X2S0P0R	4 three-wire RTD inputs, 10-30Vdc or 3.6-5.5Vdc power (IP-67 enclosure)	\$ 719.00
N/A	DX80N9X2S0P0RC	....same as above but has external terminal strip connections (IP-20 enclosure)	\$ 719.00
N/A	DX80N9X2S2S2MN2I	4 Analog 0-20mAdc inputs, 2 discrete inputs, 2 discrete sinking outputs, 10-30Vdc or 3.6-5.5Vdc power (IP-67 enclosure)	\$ 719.00
N/A	DX80N9X2S2S2MN2I	....same as above but has external terminal strip connections (IP-20 enclosure)	\$ 719.00
N/A	DX80N9X2S2N2V4	4 Analog 0-10Vdc inputs, 2 discrete inputs, 2 discrete sinking outputs, 10-30Vdc or 3.6-5.5Vdc power (IP-67 enclosure)	\$ 719.00
N/A	DX80N9X2S2N2V4C	....same as above but has external terminal strip connections (IP-20 enclosure)	\$ 719.00
<b>RS-485 Wireless "extension cable"</b>			
N/A	DX80DR9M-H	Data Radio, RS-485 "Wireless Cable" Can be used for extending RS-485 link used for Modbus with the IntelliLogger without wire. Used in pairs. Multiple remote radios can send data to a single central unit. 900MHz, 1W power. Provided in DX80 enclosure with 6' pigtail lead cable and mating connector.	\$ 570.00

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LBI PN:	Sales PN:	Description	List Price
<b>Wireless Network Accessories</b>			
N/A	DX81	Single lithium D-Cell battery housed in IP-67 enclosure	\$ 100.00
N/A	BWA-BATT-001	Replacement lithium D-cell for the DX81	\$ 36.00
N/A	DX81P6	High capacity battery pack (6 lithium D-cells housed in IP-67 enclosure)	\$ 295.00
N/A	BWA-BATT-002	Replacement 6 lithium D-cell pack for the DX81P6	\$ 195.00
N/A	BWA-SOLAR-001	Photovoltaic Recharging Battery pack, self contained power source. Includes: rechargeable battery pack, charge controller and PV panel. Complete with pipe mounting capability	\$ 850.00
N/A	BWA-BATT-003	Replacement battery pack and controller for BWA-SOLAR-001	\$ 400.00
N/A	SWA-SOLAR CHARGER	Wall charger for BWA-BATT-003	\$ 75.00
<b>Calibration - Includes NIST certificates and before and after data if ordered</b>			W/O Data / W Data
<b>IntelliLogger Series:</b>		IntelliLogger IL-10 and IL-20	\$90/\$200
		IntelliLogger IL-80	\$195/\$380
		ILIM-7	\$105/\$240
<b>ModuLogger Series:</b>		ModuLogger and ModuLogger MINI ML-CPU and MLAD Calibration.	Contact Factory for availability.
<b>HyperLogger Series:</b>		HL-1, HL-200 Calibration	Contact Factory for availability.
<b>Price / FOB Policy</b>			
<p>Prices are U.S. dollars, FOB La Mesa, CA. Standard shipment is UPS ground unless otherwise specified at time of order. Terms are COD, credit card or Net 30 OAC. International orders are prepay, wire transfer or credit card, VISA, Mastercard or American Express. Refer to <a href="http://www.logicbeach.com/terms_conditions.html">http://www.logicbeach.com/terms_conditions.html</a> for Terms and Conditions policy details.</p>			
<b>Limited Warranty</b>			

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## IntelliLogger Data Logging and Alarming System

<i>LBI PN:</i>	<i>Sales PN:</i>	<i>Description</i>	<i>List Price</i>
<p>Logic Beach Incorporated warrants its Portable Data Logging products to be free of defects in workmanship and materials, or other malfunction or failure to perform, under normal use and service, for one year from the date of purchase. Logic Beach will at its option, repair or replace the products. This warranty composes the entire warranty with respect to our Data Logging Products and is in lieu of all others, expressed or implied, including any warranty of merchantability and warranty of fitness for a particular purpose and for no reason will Logic Beach be responsible for any consequential damages of any nature whatsoever. Prices and specifications are subject to change without notice. Full Terms and Conditions can be viewed online at <a href="http://www.logicbeach.com">www.logicbeach.com</a>.</p> <p>IntelliLogger™, HyperWare-II™, HyperWare™, HyperNet™, HyperPlot™, HyperTrack™, HyperLogger™, HyperLogger PowerPlus™, IL-Mini™, AdQuiera are trademarks of Logic Beach.</p>			