Logic Beach Inc. Instrument Price List

IntelliLogger Data Logging and Alarming System

Part Number	Description	List Price
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 Cable	$ 880.00
IL-20	Same as IL-10 but includes B-Bus expansion port for interface to external ILIM-x channel expansion modules.	$ 980.00
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)	$ 1,480.00
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)	$ 1,410.00
-MRS suffix Option	Modbus RTU Slave Option, adds Modbus RTU Slave whereby an external device can query Modbus registers within the IL over the IL 'PC' RS-232 port or optionally via RS-485 if an SCC-1 is used (associated with Probe Points).	$ 220.00
-MTS suffix Option	Adds Modbus TCP/IP Server whereby an external Modbus Client device can query IntelliLogger Modbus registers via the IL Ethernet port (associated with Probe Points).	$ 220.00
-MRM suffix Option	Modbus RTU Master Option, adds Modbus RTU Master comm whereby the IntelliLogger can query the Modbus registers within a connected Modbus Slave connected device. RS-232 uses an IL port, RS-485 requires use of LBI SCC-1.	$ 280.00
SCC-1	Serial Comm 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
ILIM-7	Expansion Module: 8 differential, isolated bipolar 18+ bit analog inputs, with 5' Cat 5 BBus cable. Specify and add 3539.30010 hanger or 3539.30000 bracket as desired.	$ 560.00
ILIM-2	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.	$ 490.00
IntelliLogger Accessories (optional enclosures, cables, mounting brackets, etc)		
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
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
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). Apx OD is 22h x14w x10d	$ 385.00
D Cell Batt Option	Optional D Cell Battery Pack installed on door of IL-250/300/350	$ 65.00
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.	$ 395.00
IL-MAN	Printed and bound IntelliLogger and HyperWare-II User's Manual.	$ 88.00
BPB-1	BBus Power Booster required when more than ~5 Interface Modules are connected to IntelliLogger. Requires external 7-30Vdc source (eg DCXFR-12V-1A wall adapter below)	$ 220.00
Bbus Term-1	Bbus Termination Stub; terminates Bbus cable network minimizing reflected signal distortion	$ 12.00
FTG-Eth-NPT1/2	Gland Fitting; large for Ethernet RJ45 Plug ingress to enclosures	$ 9.00
FTG-Ant-PG11	Gland Fitting; medium for ANT-MAG-12 antenna coax connector ingress to enclosures	$ 9.00
CBL-E-X-5	Cable, CAT5 Ethernet Crossover (For PC direct to IL via Ethernet) 5ft.	$ 14.00
CBL-E-S-10	Cable, CAT5 Ethernet Standard (For IL to Hub/Router via Ethernet) 10ft.	$ 17.00
CBL-RS-6	Cable, RS-232 (DB-9M/F) 6ft	$ 9.00
CBL-USB-6	Cable, USB 6ft. Type A and B connectors for IntelliLogger to PC connection.	$ 9.00

3539.30000	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	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	IL-250 Surface Mounting Plate (0.090 alumunium, 6.6" x 17"). Mounts to back of IL-250 enclosure and extends above and below for screw attachment to surface.	$	24.00
3539.00004	IL-300 Surface/Wall Mounting Plate (0.090 alumunium, 6.6" x 20.4"). Mounts to back of IL-300 enclosure and extends above and below for screw attachment to surface.	$	26.00
3539.00005	IL-350, wall / surface mounting plate. Mounts to back of IL-350 enclosure and extends above and below for screw attachment to surface.	$	28.00
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.	$	42.00
PSTN Modems (Optional landline connected phone modems for IntelliLogger)			
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
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
MDM-5EU	Non-industrial Temp (32 to 122F) PSTN modem with 220Vac P/S and RS-232 cable. For European installations.	$	139.00
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
Cellular Sdata Modems (Optional Packet-Switched digital cellular modems for IntelliLogger)			
CP-62-XE-C	Cingular Network GSM/GPRS/Edge/UMTS/HSDPA and HSUPA compatible cell modem Includes: 3' crossover, 3' standard Ethernet Cables and Surface Mount Bracket. To order, specify 9-28Vdc pigtails or AC power supply and add Antenna / cables (below). 300mA at 12Vdc max current.	$	529.00
CP-62-XE-S	Sprint Network, CDMA cell modem. Includes: 3" crossover, 3' standard Ethernet Cables and Surface Mount Bracket. To order, specify 9-28Vdc pigtails or AC Power supply and add Antenna/cables (below)	$	529.00
CP-62-XE-V	Verizon, CDMA cell modem. Includes: 3" crossover, 3' standard Ethernet Cables and Surface Mount Bracket. To order, specify 9-28Vdc pigtails or AC Power supply and add Antenna/cables (below)	$	529.00
Canada	Contact Logic Beach for Canadian cell phone options		
Cellular Modem Antennas and Accessories: (for CP Series modems... above)			
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
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
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
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. **Note:** for 850MHz band applications ONLY.	$	79.00
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. **Note:** for 1900MHz PCS band applications only	$	79.00
ANT-PATCH	Antenna, rectangular patch, Omnidirectional with 10' of RG174 (0.1" dia) cable. 2dB dual-band for 850 and 1900MHz. Apx 5"x1.5"x1/4" and can be adhered to side of enclosure. Water tight gland installed on cable. For use in strong cellular signal locations.	$	37.00
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.	$	30.00

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
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
9080.50490	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 and both 800 and 1900 MHz ranges.	$	220.00
RAVEN 120-100-1013	Wall Adapter Power Supplyl, 120Vac input, 12Vdc output wall adapter with mating plug for Raven XE cellular modem	$	20.00
Wireless Ethernet Bridge; Short Range (<1000') for Wireless IntelliLogger connection into LAN			
IL-EB-SR	Ethernet 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.	$	295.00
Wireless Ethernet Bridge; Medium Range (up to 10 miles) for Wireless IntelliLogger connection to LAN			
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. Weatherproof housing with integral antenna and gland fitting for power/signal CAT-5 RJ-45 connector/cabling. Utilizes POE for power (separate module provided) 1000'+ indoor up to 15 miles outdoor depending upon antenna and obstructions. Includes: (two each):	$	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
Wireless Ethernet Bridge; Long Range, (up to 20 miles) for Wireless IntelliLogger connection to LAN			
IL-EB-LR-NEMA	Ethernet 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...see below) Yagi or Omni antenna. Omni antenna requires additional coz cable to connect antenna to the radio Yagi antenna comes with 24" coax pigtail and TNC connector for direcct 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" omindirectional 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

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 digial 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

IL-Mini Options			
-WP	Wide range power input (typically used for vehicle powered applications)	$	90.00
-Dbatt	Internal 6 alkaline D-cell battery pack (deeper enclosure and batteries included)	$	60.00
-Dbatt-PSM4	D-Batts option (above) 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.	$	180.00
-EXM	Expanded data storage memory (~160,000 reading internal data memory)	$	40.00
-CF	Compact Flash memory card socket. Includes one industrial temp, 0 wait-state CF card (10 million+ reading capacity)	$	80.00
-EXMCF	Data Storage bundle; -EXM and -CF options both provided	$	110.00
-TC	Adds direct J, K, E, T, R, S, and N type thermocouple input to all 4 analog input channels	$	40.00
-MA	Adds 8 ranges of current (mA) to all 4 analog input channels (includes 4-20mA range)	$	40.00
-HV	Adds 3 higher Vdc ranges to all 4 channels	$	40.00
-TCMAHV	Input Bundle; adds –TC, -MA, and –HV inputs to all 4 analog input channels	$	100.00
Outputs Explained:	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:		
-2DO	Adds one 0/5Vdc digital output (System total of two Digital outputs)	$	20.00
-1DO1R	Adds one relay output (System total of one relay and one Digital output)	$	25.00
-2R	Two relay outputs (omits the normally included Digital Output)	$	50.00
-2DO1R	Adds a relay and additional 0/5Vdc digital output (System total: 1 relay and 2 Digital outputs)	$	65.00
Modbus Options:			
-MRM	Adds Modbus RTU Master capability	$	280.00
-MRS	Adds Modbus RTU Slave capability	$	220.00

IL-Mini Software, Accessories and Upgrades

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
DCXFR-12V-1A	Power Supply. Input: 110 - 240VAC, **regulated** output 12Vdc @ 1Amp (typicallyrequired for IL-Mini™ power if -Dbatt option or other power source is not available at deployment location	$	25.00
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	Surface/Wall mounting bracket for IL-Mini	$	12.00
9020.50015	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
CF-IND-128MB	Compact Flash memory card, 10 million+ reading capacity, 0-wait state, 100% tested, industrial temp (requires -CF or -EXMCF option)	$	42.00
LCD addition	LCD option upgrade/addition to a field deployed unit. (includes LCD, parts, labor)	$	160.00

Accessories, Common Data Logging System Options

System Integration Options (see systems under product families above)

DCXFR-12V-1A	Power Supply. Input: 110 - 240VAC, **regulated** output 12Vdc @ 1Amp. (supplied with HL, and IL)	$	25.00
DCXFR-24V-1A	Power Supply. Input : 100-240Vac, **regulated** output 24Vdc @ 1Amp, 2.1x5.5mm barrel connector.	$	30.00
DCXFU-24V-400mA	RPS-1 wall transformer, 24VDC. Wall adapter. Non-regulated... Which is required in order to charge batts in 24Vdc mode (ie this power supply output is >24Vdc.)	$	17.00
SRB-1202	12V, 2AH Gel Cell (used in RPS)	$	28.00
SRB-1212	Battery, AGM, sealed lead acid; 12Vdc/12Ah. Order up to 2 for IL-300.	$	75.00
SRB-1235	Sealed lead acid battery, 12Vdc, 35AH 7.75 x 5.125 x 7.38H	$	116.00
CHGR-12 -500mA	Battery Charger, 100-240Vac input; 12Vdc output @ 500mA, 2.5mm coax connector on output cable	$	36.00
CHGR-12-1200mA	Battery Charger, 100-240Vac input; 12Vdc output @ 1200mA, 2.5mm coax connector on output cable	$	48.00
CHGR-12-2500mA	Battery Charger, 100-240Vac input; 12Vdc output @ 2500mA, 120Vac line cord and cable with alligator clips for battery connection	$	58.00

CHGR-24-500mA	Battery Charger, 100-240Vac input; 24Vdc output @ 500mA, 2.5mm coax connector on output cable	$	48.00
CHGR-24-1200mA	Battery Charger, 100-240Vac input; 24Vdc output @ 1200mA, 120Vac line cord and cable with alligator clips for battery connection	$	58.00
PV-12V-xxW	Photovoltaic Panel; 12Vdc output with integral weatherproof wiring box, specify desired wattage		Contact Factory
PV-24V-xxW	Photovoltaic Panel; 24Vdc output with integral weatherproof wiring box, specify desired wattage		Contact Factory
LBI-CC-SS6L	Charge Controller, 12Vdc/6A with Temp comp and Low Voltage Disconnect	$	68.00
Fuses - 3A	3A Fuses for IntelliLogger power, 5 fuses/pack	$	24.00
Fuses - 100mA	100mA Fuse for IL and IL-Mini series inputs, 5 fuses/pack	$	24.00
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")	$	14.00
FTG-PG9LTB-RDCR	Liquid-Tight Fitting, long shank; Gland type sealing fittings (not for submersion) for I/O wiring in IL-250, 300, etc encloslures. Extra long threaded shank length of 0.57" Fits hole dia of 15mm (nominal 5/8")	$	20.00
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".	$	14.00
CF-IND-128MB	Compact Flash memory card, 10 million+ reading capacity, 0-wait state, 100% tested, industrial temp (requires -CF or -EXMCF option)	$	42.00
Sensor Power Supply Options (for field excitation of sensors from battery source)			
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.	$	160.00
PSM2-PP	Stand-alone PSM-2 mounted in a small (4.8x8.8x2.9) portable package with 6 D-cells	$	225.00
Wireless Sensor Network Components			
Gateway (900MHz)	*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.*		
DX80G9M2S-P	Wireless network to RS-485 Modbus Gateway (10-30Vdc and 3.6 to 5.5Volt, ~50mA power) 900MHz	$	570.00
Nodes (900MHz) (10-30Vdc power)	*(Nodes are the remote RF connected signal conditioning modules that transmit their connected input signals and sensor data back to the Gateway)*		
DX80N9X6S8P4	8 discrete inputs, 4 discrete sourcing outputs, 10-30Vdc power, (IP-67 enclosure)	$	719.00
DX80N9X6S8P4C	…..same as above but has external terminal strip connections (IP-20 enclosure)	$	719.00
DX80N9X6S4P8	4 discrete inputs, 8 discrete sourcing outputs, 10-30Vdc power, (IP-67 enclosure)	$	719.00
DX80N9X6S4P8C	…..same as above but has external terminal strip connections (IP-20 enclosure)	$	719.00
DX80N9X6S6P6	6 discrete inputs, 6 discrete sourcing outputs, 10-30Vdc, power (IP-67 enclosure)	$	719.00
DX80N9X6S6P6C	…..same as above but has external terminal strip connections (IP-20 enclosure)	$	719.00
DX80N9X6S6N6	6 discrete inputs, 6 discrete sinking outputs, 10-30Vdc, power (IP-67 enclosure)	$	719.00
DX80N9X6S6N6C	…..same as above but has external terminal strip connections (IP-20 enclosure)	$	719.00
DX80N9X6S0P0M4M4	4 Analog 0-20mA inputs, 4 Analog 0-20mA outputs , 10-30Vdc, power (IP-67 enclosure)	$	719.00
DX80N9X6S0P0M4M4C	…..same as above but has external terminal strip connections (IP-20 enclosure)	$	719.00
DX80N9X6S0P0V4V4	4 Analog 0-10Vdc inputs, 4 Analog 0-10Vdc outputs, 10-30Vdc, power (IP-67 enclosure)	$	719.00
DX80N9X6S0P0V4V4C	…..same as above but has external terminal strip connections (IP-20 enclosure)	$	719.00
DX80N9X6S4P4M2M2	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
DX80N9X6S4P4M2M2C	…..same as above but has external terminal strip connections (IP-20 enclosure)	$	719.00
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
DX80N9X6S4P4V2V2C	….same as above but has external terminal strip connections (IP-20 enclosure)	$	719.00
Nodes (900Mhz) (10-30Vdc or 3.6-5.5Vdc)			
DX80N9X2S4N4	4 discrete inputs, 4 discrete sinking outputs. 10-30Vdc or 3.6-5.5Vdc power (IP-67 enclosure)	$	719.00
DX80N9X2S4N4C	….same as above but has external terminal strip connections (IP-20 enclosure)	$	719.00
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
DX80N9X2S4A2C	….same as above but has external terminal strip connections (IP-20 enclosure)	$	719.00
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

DX80N9X1S2A1C	….same as above but has external terminal strip connections (IP-20 enclosure)	$	719.00
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
DX80N9X2S2N2TC	….same as above but has external terminal strip connections (IP-20 enclosure)	$	719.00
DX80N9X2S0P0R	4 three-wire RTD inputs, 10-30Vdc or 3.6-5.5Vdc power (IP-67 enclosure)	$	719.00
DX80N9X2S0P0RC	….same as above but has external terminal strip connections (IP-20 enclosure)	$	719.00
DX80N9X2S2S2MN2M	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
DX80N9X2S2S2MN2MC	….same as above but has external terminal strip connections (IP-20 enclosure)	$	719.00
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
DX80N9X2S2N2V4C	….same as above but has external terminal strip connections (IP-20 enclosure)	$	719.00
RS-485 Wireless "extension cable"			
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
Wireless Network Accessories			
DX81	Single lithium D-Cell battery housed in IP-67 enclosure	$	100.00
BWA-BATT-001	…replacement lithium D-cell for the DX81	$	36.00
DX81P6	High capacity battery pack (6 lithium D-cells housed in IP-67 enclosure)	$	295.00
BWA-BATT-002	…replacement 6 lithium D-cell pack for the DX81P6	$	195.00
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
BWA-BATT-003	…replacement battery pack and controller for BWA-SOLAR-001	$	400.00
SWA-SOLAR CHARGER	…wall charger for BWA-BATT-003	$	75.00

Calibration - Includes NIST certificates and before and after data if ordered   w/o data / with data

IntelliLogger	IntelliLogger IL-10 and IL-20	$90/$200
Series	IntelliLogger IL-80	$195/$380
	ILIM-7	$105/$240
ModuLogger	ModuLogger and ModuLogger MINI ML-CPU and MLAD Calibration	$200/$230
Series	MLIM-1	$140/$180
	MLIM-2	$75/$110
	MLIM-4	$130/$180
	MLIM-5 - no certificate available, functional test only.	$55
	MLIM-5-14.4 - no certificate available, functional test only.	$75
	MLIM-7	$130/$180
	MLIM-8 - no certificate available, functional test only.	$55/ --
HyperLogger	HL-1, HL-200, HLP-10, HLP-200 System Base Calibration (RPS not included)	$200/$230
Series	HLIM-1	$140/$180
	HLIM-2	$75/$110
	HLIM-4	$130/$180
	HLIM-5- no certificate available, functional test only.	$55
	HLIM-5-14.4 - no certificate available, functional test only.	$75
	HLIM-7	$130/$180
	HLIM-8 - no certificate available, functional test only.	$55
	HLIM-9 - no certificate available, functional test only. Contact factory.	$120

Price / FOB Policy
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 http://www.logicbeach.com/terms_conditions.html for Terms and Conditions policy details.

Limited Warranty