

XLink 500 & 100 Ordering Guide

STEP 1 CHOOSE MODEL(S) or UPGRADE OPTION

XLINK 100

- Pluggable Cellular or Iridium
- Wi-Fi
- Removable PowerTerminals
- Digital Input/Output
- SDI-12
- Expansion Port
- Lightning Protection and more...



XLINK 500

- All features of XLink100 plus...
- Python Scripting
 - Solar Regulator
 - Analog Inputs (SE, Diff, 4-20 mA)
 - Protected +12 V



Part #	Description
BASIC (Logger only)	
XLINK100-1	XLink 100 no modem
XLINK100-1E	XLink 100 no modem, NEMA 4-box
CELLULAR	
XLINK100-CX-1	XLink 100, CELLULAR
XLINK100-CX-1E	XLink 100, CELLULAR, NEMA-4 box, internal antenna
XLINK100-CX-1C	XLink 100, CELLULAR, NEMA-4 box, external antenna
IRIDIUM	
XLINK100-IR-1	XLink 100, IRIDIUM
XLINK100-IR-1E	XLink 100, IRIDIUM, NEMA-4 box, internal antenna
XLINK100-IR-1C	XLink 100, IRIDIUM, NEMA-4 box, external antenna
IRIDIUM DOD (RESTRICTED) (US ONLY)	
XLINK100-IRD-1	XLink 100, IRIDIUM DOD
XLINK100-IRD-1E	XLink 100, IRIDIUM DOD, NEMA-4 box, internal antenna
XLINK100-IRD-1C	XLink 100, IRIDIUM DOD, NEMA-4 box, external antenna

Part #	Description
BASIC (Logger only)	
XLINK500-1	XLink 500 no modem
XLINK500-1E	XLink 500 no modem, NEMA 4-box
CELLULAR	
XLINK500-CX-1	XLink 500, CELLULAR
XLINK500-CX-1E	XLink 500, CELLULAR, NEMA-4 box, internal antenna
XLINK500-CX-1C	XLink 500, CELLULAR, NEMA-4 box, external antenna
IRIDIUM	
XLINK500-IR-1	XLink 500, IRIDIUM
XLINK500-IR-1E	XLink 500, IRIDIUM, NEMA-4 box, internal antenna
XLINK500-IR-1C	XLink 500, IRIDIUM, NEMA-4 box, external antenna
IRIDIUM DOD (RESTRICTED) (US ONLY)	
XLINK500-IRD-1	XLink 500, IRIDIUM DOD
XLINK500-IRD-1E	XLink 500, IRIDIUM DOD, NEMA-4 box, internal antenna
XLINK500-IRD-1C	XLink 500, IRIDIUM DOD, NEMA-4 box, external antenna

NOTE - Cellular Modems Include:
 C1: Verizon LTE (4G) - US ONLY
 C3: LTE (4G) - EU ONLY (coming soon)
 C5: HSPA (3G/2G) - Global
 C6: LTE (4G) Cat M1/NB-IOT - Global (coming soon)



NEMA-4 Enclosure for -1E and -1C part numbers

*NEMA-4 enclosure box w/ Internal Antenna (Part #: 1291-1046) and 7AH Battery (Antenna not included if Logger shipping without a modem)

*NEMA-4 enclosure box w/ External Antenna connector and 7AH Battery (Antenna not included)

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STEP 2 CHOOSE OPTION CARDS AND ANTENNAS

PLUGGABLE OPTION CARDS

Part #: IRIDIUM-MOD-1
Iridium telemetry
pluggable modem card

Part #: IRIDIUM-MOD-1D
Iridium DOD (restricted)
telemetry pluggable
modem card

Part #: CELLULAR-MOD-1
Verizon LTE telemetry
pluggable modem card

Part # CELLULAR-MOD-5
HSPA telemetry
pluggable modem card



ANTENNAS

IRIDIUM
Part #: 1291-1036
IRIDIUM Antenna, 5.5M
Cable RG58 LL, SMA
(external)

Part #: 1291-1034
Iridium-only Antenna (internal)

Part #: 1291-1031-T-G
IRIDIUM Helix
Antenna, TNC, Green

Part #: 1291-1031-BKT
IRIDIUM Helix
Mounting bracket

CELLULAR
Part #: 1291-1045
GPRS/LTE Antenna, 3dB
Omni
(Cellular) N Type (F)



Part #: 2271-1205
Antenna kit, includes 1291-
1045 antenna
and pole mounting hardware

NOTE:

1. Refer to the pluggable modem card datasheets for more information
2. Sutron is an authorized Iridium Value Added Reseller providing global services and applications.

STEP 3 CHOOSE CABLES, MOUNTING, LIGHTNING PROTECTION

CABLES

Part #: LL400-15-N-SMA
Antenna Cable (15ft) SMA to N

Part #: LL400-20-N-SMA
Antenna Cable (20 ft) SMA to N

Part #: LL400-15-N-N
Antenna Cable (15 ft) N to N

Part #: LL400-20-N-N
Antenna Cable (20 ft) N to N

Part #: 6411-1561-1
Antenna Cable (15ft) TNC to SMA

MOUNTING KITS

Part #: 2911-1362-1
Din Rail Mounting Kit
Installs on back of Basic Unit
(Din Rail not included)

POLE MOUNTING KITS
Installs on back of -1C and -1E enclosure modems.

Part #: 2911-1365-1
Fits on 2.38". Pole outside diameter.

Part #: 2911-1365-2
Fits on 2.88". Pole outside diameter.

LIGHTNING PROTECTION

Part #: 6661-1353-1
RF Bulkhead mount, N-N, Lightning pro-
tector

Part #: 5100-0600-1
Ground kit w/8ft. Ground rod, copper wire,
clamps and plate.

Part #: 2911-1365-3
Fits on 1.90". Pole outside diameter.

Part #: 2911-1365-4
Fits on 1.66". Pole outside diameter.

Part #: 2911-1365-5
Fits on 1.32". Pole outside diameter.

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STEP 4 CHOOSE POWER SUPPLY

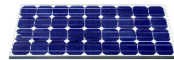
Part #: 5100-0030, 5100-0040, 5100-0010
Battery-12VDC: 7AH, 24AH, 75AH



Part #: 5100-0020-3
Battery Charger, Float
230 VAC to 12 VDC, .5 A

Part #: 5100-0406
Solar Panel, 50 Watts (Mount
2271-1049 & Cable 6411-
1017-3 ordered separately)

Part #:5100-0410-1
Solar Panel, 20 Watts
unregulated, w/ Mount (Order
cable 6411-1017-3 separately)



Part #: 5100-0400-1
Solar Panel, 10 Watts
unregulated including 10 ft.
Cable & Mount

NOTE: XLINK500 has an internal solar
regulator compatible with Part #:5100-
0410-1 and Part #: 5100-0400-1

Part #:5100-0407
Solar Panel Charger Regulator, 4
amp, Temperature Compensated

Part #: 5100-0408
Solar Panel Charger Regulator, 8
amp, Temperature Compensated



STEP 5 CHOOSE IRIDIUM/ CELLULAR TELEMETRY ACTIVATION & SERVICE PLAN



Part #: ISBD.SACT
Station Activation

Part #: ISBD.12K.1M. PLAN
Min. Fee/Monthly, 12 KB
Data

Part #: ISBD.50K.1M. PLAN
Min. Fee/Monthly, 50 KB
Data

Part #: ISBD.100K.1M.PLAN
Min. Fee/Monthly, 100 KB
Data

Part #: ISBD.OK.1
Min. Fee/Monthly, no Data

Part #: ISBD.30K.1M. PLAN
Min. Fee/Monthly, 30 KB
Data



Part #: VLTE.ACT
Activation - One Time
Charge

Part #: VLTE.1MB.PLAN
Monthly Plan - Per Month

Part #: VLTE.CUST.PLAN
Isbd. custom plan

Part #: VLTE.1MB.ADDL
Overage Charge Per MB

Part #: VLTE.SMS
Per SMS message

Part #: VLTE.5MB.PLAN
Per SMS message

Part #: VLTE.20MB.PLAN
Monthly Plan - Per Month

Part #: VLTE.SUSP
Verizon LTE Suspended



Part #: WGPRS.ACT
Activation - One Time
Charge

Part #: WGPRS.1M.PLAN
Monthly Plan - Per Month

STEP 6 CHOOSE DATABASE MANAGEMENT



Part #: 9400-0400
Hydromet Cloud Client Set Up
(1-time fee for new Account)

Part #: 9400-0402
Hydromet Cloud Station Set Up
(1-time fee/ new station)

Part #: 9400-0403
Hydromet Cloud /Station Annual
Fee, first 25 Stations

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