IRVIN Technologies, Inc.

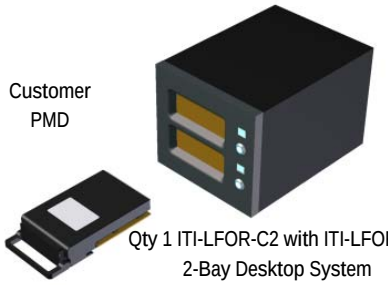
Qty 2, ITI-LFOR-C2
with ITI-LFOR-R4
4-Bay System w/Transit Case

LFOR Classified Data Reader ITI–LFOR–Cx

The LFOR Classified Data Reader is a turn-key high-speed PMD Reader supporting down-load speeds up to 50 times faster than Ethernet transfers, packaged in a 2, 4, or 6-bay 901D ready transport container.

System Overview

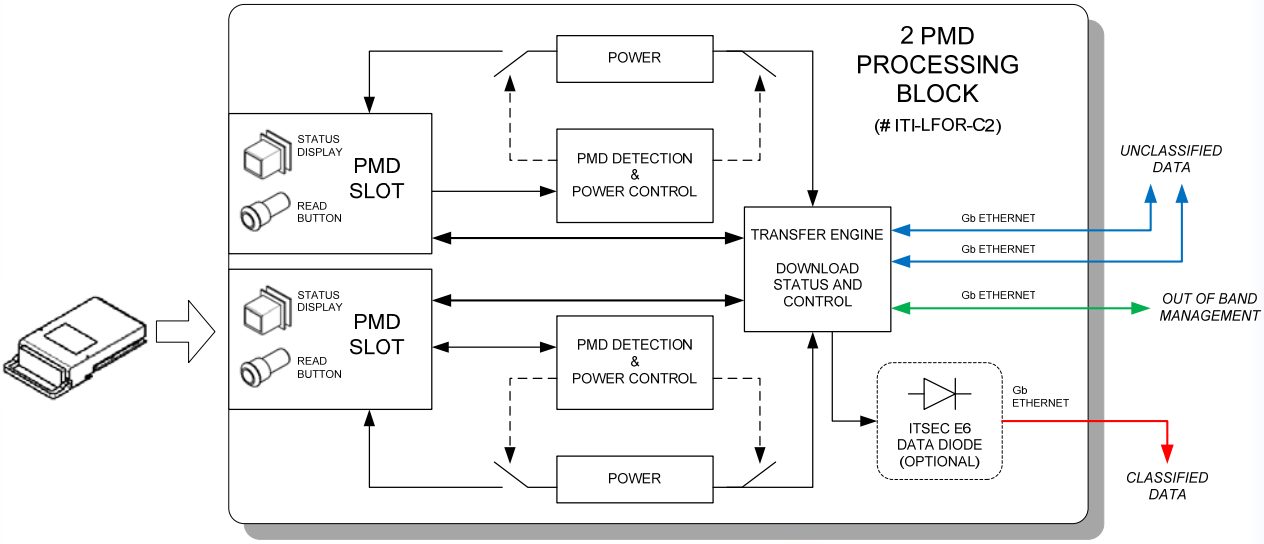
Customer PMD

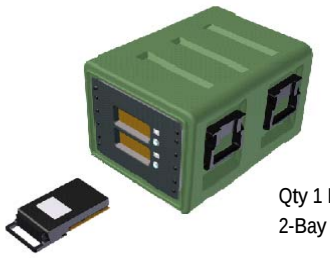


Qty 1 ITI-LFOR-C2 with ITI-LFOR-D2
2-Bay Desktop System

Features:

- Automatic PMD download with smart display status indicators
- Smart power management for energy efficiency
- Gb Ethernet port for each PMD slot
- Gb Ethernet port for out-of-band management
- Optional common criteria evaluated Data Diode output for one-way classified data transfer
- Housed in a 901D rated transit case for shipboard ready operations





Qty 1 ITI-LFOR-C2 with ITI-LFOR-R2
2-Bay System w/Transit Case

Qty 3 ITI-LFOR-C2 with ITI-LFOR-R6
6-Bay System w/Transit Case

Irvin Technologies, Inc
http://www.itiengineering.com
Phone: (888) 412-0520

IRVIN Technologies, Inc.

Qty 2, ITI-LFOR-C2
with ITI-LFOR-R4
4-Bay System w/Transit Case

LFOR Classified Data Reader ITI-LFOR-Cx

Specifications

Mechanical	
Dimensions (approx)	2-Bay Desktop: 8"H x 8"W x 18"D 2 Bay w/Transit Case: 18"H x 18"W x 24"L (with Lids) 4 Bay w/Transit Case: 18"H x 27"W x 24"L (with Lids) 6 Bay w/Transit Case: 26"H x 27"W x 32"L (with Lids)
Weight (approx)	Desktop 2-Bay: 12 lbs (w/o cartridges) 2 Bay w/Transit Case: (TBD) 4 Bay w/Transit Case: (TBD) 6 Bay w/Transit Case: (TBD)
Capacity	2, 4, or 6 cartridges depending on model
Major Components	All units come with chassis, power cord and Management software
Data Interface(s)	Gb Ethernet (RJ-45 Copper) NOTE: There is one Data Port per PMD Slot in addition to an "Out Of Band" Administrative Control Port Units with Data Diode have an additional Data Port per pair of PMD Slots

Regulatory Compliance	
Safety	CE 2004/108/EC
Emissions	CE 2006/95/EC

Environmental	
Enclosure	Corrosion resistant aluminum alloy IAW MIL-C-5541,type 1, class 1A Composite (Kevlar) Shell Transit Cases
Power	85 ~ 250VAC (Universal), 50/60 Hz 2/4/6 Bay: 14/28/42 W max
Ambient Temperature	Operating: 0 ºC to 49 ºC Storage: 0 ºC to 49 ºC
Humidity	Operating: 10% to 85%, non-condensing Storage: 10% to 95%, non-condensing
Altitude	-1300 to 10,000 feet
Shock and Vibration	For Rugged Transit Case Models: MIL-STD-901D Transit Case with Grade B Isolation
Grounding	All models include chassis ground stud for MIL-STD-1310H sec. C.6 implementation
Tie-Down	Transit Case Models are for use with 1-inch Kevlok© Strapping

Ordering Information

All LFOR Classified Data Readers are available with or without Data Diode interface. All units come with a standard North-American NEMA 5-15P power cord.
For alternate enclosure styles, alternate power cords, or non-standard configurations, contact ITI for pricing. For standard configurations, use ordering numbers below.

Ordering Instructions:

For each Classified Data Reader being ordered, select the quantity and type of processing blocks desired to match your total bay configuration then select the enclosure style to match your total bay configuration. Note that processing blocks with and without Data Diode can be mixed in the 4 or 6 bay configurations.
Example 1: To order a 2-bay transit case system with Data Diode you need Qty 1 P/N ITI-LFOR-C2-DD and Qty 1 P/N ITI-LFOR-R2
Example 2: To order a 4-bay transit case system with one Data Diode processing block you need Qty 1 P/N ITI-LFOR-C2-DD, Qty 1 ITI-LFOR-C2 and Qty 1 P/N ITI-LFOR-R4

Processing Blocks:

Part Number	Description
ITI-LFOR-C2	2-Bay Processing Block
ITI-LFOR-C2-DD	2-Bay, processing block w/Data Diode

Desktop Enclosures:

Part Number	Description
ITI-LFOR-D2	Desktop 2-Bay Enclosure (houses one 2-bay processing block)
ITI-LFOR-D4	Desktop 4-Bay Enclosure (houses two 2-bay processing blocks)
ITI-LFOR-D6	Desktop 6-Bay Enclosure (houses three 2-bay processing block)

Rugged Transit Case Enclosures:

ITI-LFOR-R2	Rugged Transit Case 2-Bay Enclosure (houses one 2-bay processing blocks)
ITI-LFOR-R4	Rugged Transit Case 4-Bay Enclosure (houses two 2-bay processing blocks)
ITI-LFOR-R6	Rugged Transit Case 6-Bay Enclosure (houses three 2-bay processing blocks)

Irvin Technologies, Inc
http://www.itiengineering.com
Phone: (888) 412-0520

261 Plaza Drive, Suite B
Oviedo, FL 32765