

Irvin Technologies, Inc.

2018 Commercial Product Catalog





Irvin Technologies, Inc.
1081 Willa Springs Drive
Winter Springs, FL 32708

ITI 2018 Commercial Product Catalog

ITI is a recognized leader in providing engineering services and products for aerospace, simulation, and training related domains. This catalog identifies the ITI commercial product offerings of aviation ground support equipment and accessories for 2018. In addition, ITI capabilities are well suited for custom product development or product tailoring to support a wide variety of needs. For custom solutions or applications, contact ITI sales.

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Revision Record

REV	DESCRIPTION	DATE
-	2018 Release	01/05/2018

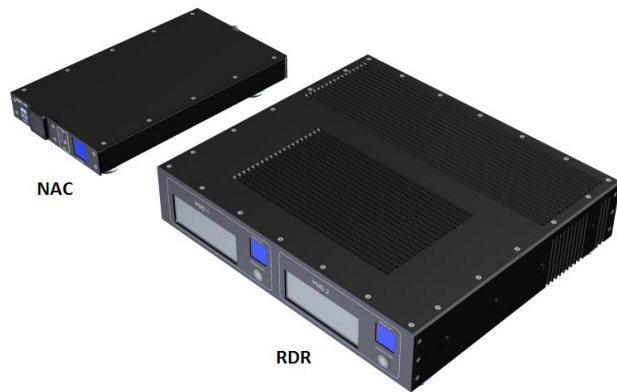
Notes:

- All items sold as commercial items.
- For specific product details, refer to product data sheets found at <http://www.itengineering.com/products/>
- Orders are typically Non-Cancellable and Non-Returnable (NCNR) and quotes will indicate when this is applicable.
- Products may require min or max quantities and/or special milestone payment schedule and terms that will be indicated on the quote. Coordinate with ITI prior to quoting to end customer. Quotes are only valid for orders exactly matching the quote.
- When applicable, resellers are responsible for quoting terms to the end customer.



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LFOR PMD READER SOLUTIONS



The third generation LFOR PMD Reader products provide turn-key, highest-speed Portable Memory Device (PMD) data download capabilities. A typical configured system consists of a Network Access Controller (NAC) interconnected via FIPS-certified encrypted fiber optic link to a Reader chassis (RDR). With the use of a fiber channel switch, a single NAC can support up to 23 RDR chassis. The RDR chassis is a 2-bay system supporting simultaneous downloads from each bay. An optional Rack Mount Kit is available for both the RDR and NAC (see P/N's ITI-LFOR-ACCKIT-NAC and ITI-LFOR-ACCKIT-RDR).

The fiber optic interconnect is supported using a MIL D38999 to LC breakout cable (see cable P/N: ITI-LFOR-3GCBL-LCDGL-42-KIT) at each chassis for connection to the customer provided fiber optic fabric infrastructure.

Note: Annual product licensing/maintenance is required to maintain currency of the FIPS configuration validation.

LFOR PMD READERS AND COMPONENTS

PART NUMBER	DESCRIPTION	ITI COMPONENT P/N	MSRP	LEAD TIME
ITI-LFOR-3GF-D	PMD READER/NAC SYSTEM KIT		\$193,893	NOTE 1
	QTY 1 DEVICE: 2-BAY PMD READER CHASSIS	ITI-LFOR-3GF-D-RDR		
	QTY 1 DEVICE: NETWORK ACCESS CONTROLLER (NAC)	ITI-LFOR-3GF-D-NAC		
	QTY 2 DEVICE: 42 IN. FIBER OPTIC LC ADAPTER CABLE, D38999 TO LC	ITI-LFOR-3GCBL-LCDGL-42-KIT		
ITI-LFOR-3GF-D-RDR	PMD READER (DEVICE: 2-BAY PMD READER CHASSIS)		\$137,114	NOTE 1
ITI-LFOR-3GF-D-RDR-MAINT-1YR	RDR MAINTENANCE: PRODUCT LICENSE WITH COMP HW AND SW – 1 YR		\$20,567	N/A
ITI-LFOR-3GF-D-RDR-MAINT-3YR	RDR MAINTENANCE: PRODUCT LICENSE WITH COMP HW AND SW – 3 YR		\$52,446	N/A



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PART NUMBER	DESCRIPTION	ITI COMPONENT P/N	MSRP	LEAD TIME
ITI-LFOR-3GF-D-NAC	NAC (DEVICE: NETWORK ACCESS CONTROLLER)		\$52,907	NOTE 1
ITI-LFOR-3GF-D-NAC-MAINT-1YR	NAC MAINTENANCE: PRODUCT LICENSE WITH COMP HW AND SW – 1 YR		\$7,936	N/A
ITI-LFOR-3GF-D-NAC-MAINT-3YR	NAC MAINTENANCE: PRODUCT LICENSE WITH COMP HW AND SW – 3 YR		\$20,237	N/A
ITI-LFOR-ACCKIT-NAC	NAC RACK MOUNT ACCESSORY KIT		\$187	6-8 WKS
ITI-LFOR-ACCKIT-RDR	RDR RACK RAIL KIT		NOTE 3	NOTE 3

CUSTOMER SPECIFIC LFOR READER PRODUCT BUNDLE

BUNDLE P/N	DESCRIPTION	ITI COMPONENT P/N	MSRP	LEAD TIME
65US0065P1	KIT, READER, PMD		NOTE 2	NOTE 1
	QTY 1 DEVICE: 2-BAY PMD READER CHASSIS	ITI-LFOR-3GF-D-RDR		
	QTY 1 DEVICE: 42 IN. FIBER OPTIC LC ADAPTER CABLE, D38999 TO LC	ITI-LFOR-3GCBL-LCDGL-42-KIT		
	QTY 1 MAINTENANCE: PRODUCT LICENSE WITH COMPREHENSIVE HW AND SW – 1 YR	ITI-LFOR-3GF-D-RDR-MAINT-1YR		
65US0065P2	KIT, NETWORK ACCESS CONTROLLER, PMD		NOTE 2	NOTE 1
	QTY 1 NETWORK ACCESS CONTROLLER (NAC)	ITI-LFOR-3GF-D-NAC		
	QTY 1 42 IN. FIBER OPTIC LC ADAPTER CABLE, D38999 TO LC	ITI-LFOR-3GCBL-LCDGL-42-KIT		
	QTY 1 MAINTENANCE: PRODUCT LICENSE WITH COMPREHENSIVE HW AND SW – 1 YR	ITI-LFOR-3GF-D-NAC-MAINT-1YR		
65US0065P4	READER, PMD		NOTE 2	NOTE 1
	QTY 1 2-BAY PMD READER CHASSIS	ITI-LFOR-3GF-D-RDR		
	QTY 1 MAINTENANCE: PRODUCT LICENSE WITH COMPREHENSIVE HW AND SW – 1 YR	ITI-LFOR-3GF-D-RDR-MAINT-1YR		
65US0065P5	NETWORK ACCESS CONTROLLER, PMD		NOTE 2	NOTE 1
	QTY 1 NETWORK ACCESS CONTROLLER (NAC)	ITI-LFOR-3GF-D-NAC		
	QTY 1 MAINTENANCE: PRODUCT LICENSE WITH COMPREHENSIVE HW AND SW – 1 YR	ITI-LFOR-3GF-D-NAC-MAINT-1YR		



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BUNDLE P/N	DESCRIPTION	ITI COMPONENT P/N	MSRP	LEAD TIME
65US0065P7	CABLE, LC ADAPTER KIT (ITI-LFOR-3CBL-LCDGL-42-KIT)		NOTE 2	6-10 WKS
	QTY 1 42 IN. FIBER OPTIC LC ADAPTER CABLE, D38999 TO LC	ITI-LFOR-3GCBL-LCDGL-42		
	QTY 2 LC-LC COUPLERS			
	QTY 2 LC 5dBm ATTENUATORS			

LFOR CABLES

PART NUMBER	DESCRIPTION	ITI COMPONENT P/N	MSRP	LEAD TIME
ITI-LFOR-3GCBL-LCDGL-42-KIT	CABLE, LC ADAPTER KIT		\$1,936	6-10 WKS
	QTY 1 42 IN. FIBER OPTIC LC ADAPTER CABLE, D38999 TO LC	ITI-LFOR-3GCBL-LCDGL-42		
	QTY 2 LC-LC COUPLERS			
	QTY 2 LC 5dBm ATTENUATORS			

LFOR ACCESSORIES

PART NUMBER	DESCRIPTION	ITI COMPONENT P/N	MSRP	LEAD TIME
ITI-FO-INSP-CLEAN-KIT	LFOR FIBER OPTIC INSPECTION AND CLEANING KIT		\$6,256	4-6 WKS
ITI-FO-CLEAN-KIT	LFOR FIBER OPTIC CLEANING KIT		\$212	2-4 WKS

NOTE 1: LEAD TIME CAN BE 2 TO 7 MONTHS DEPENDING ON PRODUCTION VARIABLES AND PROJECTED ORDER DATE – CONTACT FACTORY FOR CURRENT LEAD TIME.

NOTE 2: REFER TO CUSTOMER SPECIFIC LONG-TERM AGREEMENT (LTA) FOR PRICING

NOTE 3: CONTACT FACTORY FOR PRICING AND LEADS TIME.

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GIGABIT ETHERNET MODULE SOLUTIONS FOR PMD READ/WRITE



GEMR



GEMR-HS-D

ITI Gigabit Ethernet Module solutions provide full read/write capability for the PMD cartridge with a variety of speeds to suite specific requirements. Each product implements a full receptacle securing the cartridge into the unit during use.

The GEMR low-speed device that provides a low-profile desktop housing. The PMD handle provides a secure lock into the receptacle. Front panel indicators provide facility power and cartridge active indications.

The GEMR-HS IS high-speed read/write capability with 5x the performance of the GEMR and GEM. The GEMR-HS is available as a standard desktop version (-D). These products are compact energy efficient designs with standard Cat6 gigabit Ethernet interfaces.

GEMR

PART NUMBER	DESCRIPTION	ITI COMPONENT PART NUMBER	MSRP	LEAD TIME
ITI-GEMR-SSWD-D	GIGABIT ETHERNET MODULE RECEPTACLE (GEMR) JSF P/N: 2PEL00052-0001		NO LONGER AVAILABLE**	
ITI-GEMR-MAINT-1YR	GEMR MAINTENANCE: PRODUCT LICENSE WITH COMP HW AND SW – 1 YR		\$678	N/A
ITI-GEMR-MAINT-3YR	GEMR MAINTENANCE: PRODUCT LICENSE WITH COMP HW AND SW – 3 YR		\$1,729	N/A

** GEMR is no longer available. The replacement is the GEMR-HS

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GEMR-HS



The ITI GEMR-HS has 100% functionality of the GEM and outperforms both GEM/GEMR by 5x. Features include a high-speed ftp interface and front panel touch screen user interface. The desktop version is packaged in a low-profile metal housing.

PART NUMBER	DESCRIPTION	ITI COMPONENT PART NUMBER	MSRP	LEAD TIME
ITI-GEMR-HS -D	GIGABIT ETHERNET MODULE RECEPTACLE – HIGH SPEED (GEMR-HS) JSF P/N: 2PEL00052-0002		\$29,075	NOTE 4
ITI-GEMR-HS-D-MAINT-1YR	GEMR-HS MAINT: PRODUCT LICENSE WITH COMP HW AND SW – 1 YR		\$4,361	N/A
ITI-GEMR-HS-D-MAINT-3YR	GEMR-HS MAINT: PRODUCT LICENSE WITH COMP HW AND SW – 3 YR		\$11,121	N/A

NOTE 4: LEAD TIME CAN BE 2 TO 7 MONTHS DEPENDING ON PRODUCTION VARIABLES AND PROJECTED ORDER DATE – CONTACT FACTORY FOR CURRENT LEAD TIME.



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TERASTORE ULTRA-HIGH-SPEED NVMe STORAGE SOLUTIONS (PRELIMINARY)



The TeraStore storage solutions provide high capacity storage and high reliability persistence with memory-class performance for unprecedented throughput and security. The removable form-factor and capacity options enable enterprise level backup solutions with high security supporting copper or fiber attachment.

PART NUMBER	DESCRIPTION	MSRP	LEAD TIME
ITI-TS-BASE	Base Receptacle system supporting all capacities TS-SSD	Note 5	Note 5
ITI-TS-RSSD-8TB	8TB NVEe Removable SSD	Note 5	Note 5
ITI-TS-RSSD-16TB	16TB NVMe Removable SSD	Note 5	Note 5
ITI-TS-RSSD-24TB	24TB NVMe Removable SSD	Note 5	Note 5
ITI-TS-RSSD-32TB	32TB NVMe Removable SSD	Note 5	Note 5

NOTE 5: CONTACT FACTORY FOR PRICING AND LEADS TIME.

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XDTC/ADTC CARTRIDGE GIGABIT ETHERNET MODULE SOLUTIONS FOR READ/WRITE



The Gigabit Ethernet Cartridge Interface Device (GigaCID) is the next generation ground support modules for legacy Advanced and Extended Data Transfer Cartridges (ADTC & XDTC). This unit support both cartridge families with high-speed access, a significantly improved host PC interface and direct

GIGACID

PART NUMBER		DESCRIPTION	ITI COMPONENT PART NUMBER	MSRP	LEAD TIME
ITI-GCID-SSWD-D		GIGABIT ETHERNET CARTRIDGE INTERFACE DEVICE (GIGACID)		\$24,125	NOTE 6
ITI-GCID-MAINT-1YR		GIGACID MAINT: PRODUCT LICENSE WITH COMP HW AND SW – 1 YR		\$3,619	N/A
ITI-GCID-MAINT-3YR		GIGACID MAINT: PRODUCT LICENSE WITH COMP HW AND SW – 3 YR		\$9,228	N/A
ITI-GCID-RACK-KIT		GIGACID RACK MOUNT KIT		\$211	6-8 WKS

NOTE 6: LEAD TIME CAN BE 2 TO 7 MONTHS DEPENDING ON PRODUCTION VARIABLES AND PROJECTED ORDER DATE – CONTACT FACTORY FOR CURRENT LEAD TIME.

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MISCELLANEOUS SUPPORT EQUIPMENT



SCSI Media Kit, Desktop Model



SCSI Media Kit, Rack-Mount Model



Portable USB DVD Writer

PART NUMBER		DESCRIPTION	ITI COMPONENT P/N	MSRP	LEAD TIME
ITI-SCSI-MK-D		SCSI MEDIA KIT, DESKTOP VERSION		NOTE 7	NOTE 7
ITI-SCSI-MK-R		SCSI MEDIA KIT, RACK-MOUNT VERSION		NOTE 7	NOTE 7
SE-218BB/RSBS		DVD WRITER, USB PORTABLE, SAMSUNG		\$157	2 WKS

NOTE 7: CONTACT FACTORY FOR AVAILABILITY, PRICING, AND LEADS TIME.



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POWER CORDS



All products ship with standard North American power cord with NEMA 5-15P Male Plug on one end and IEC C13 Female Socket on the other end. Other cords available upon request.

PART NUMBER		DESCRIPTION	ITI COMPONENT P/N	MSRP	LEAD TIME
ITI-9210-06C		POWER CORD, 6-FT, NORTH AMERICAN		\$15	2 WKS
ITI-9210-10C		POWER CORD, 10-FT, NORTH AMERICAN		\$18	2 WKS