



# M3-EXT

## DATA SHEET

### Mobile Modular Micro Executive Tactical

Portable and man-packable travel communications.....

.....a proven CISCO solution by DTECH

The EXT router/network gateway is a ruggedized, small form-factor, man-packable, or transit cased solution used to provide users with data network capabilities required to facilitate critical communications.



A multi-functional router platform offering Cisco routing/switching along with battery backup and compatible with government furnished security devices and techniques that support communications across any network architecture. These modules support data, voice and video while ensuring interoperability by leveraging ubiquitous network technologies and protocols.

Easily packaged and operated in transit case or backpack configurations. Power backup utilizes rechargeable Lithium Ion Batteries.



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# SPECIFICATIONS

M3-EXT General	
Module P/N	M3-EXT
Control Interface	RJ45/Serial
Management Tool	Cisco CLI
Software Environment	Cisco IOS
User/WAN Interface(s)	Total: 12 Ports, 10-FE (4PoE), 2-GE Router: 4-FE: (2-L3, 3-L2) Switch: 6-FE, 2-GE
Module Bay / Interface	1 – module power and FE.
Security	AES, FIPS 140-2 Level 2, Power output for optional/external security device.

Power	
Power Input	10 – 30 VDC
Power Consumption	< 20 Watts (does not include PoE)



Physical and Environmental	
Size	3.05" H x 8.64" W x 6.89" L (2.41" H x 8.0" W x 6.5" L w/o mounting hardware)
Weight	4.7Lbs
Temperature Range	Operational: -40° to +60° C (Prime AC/DC Power), 0° to +60° C (Battery Power) Storage: -40° to +85° C (Modules), -20° to +70° C (Batteries)
Designed to the following MIL-STD 810 Categories	Methods: <b>501.4</b> (High Temp Procedure I and II), <b>502.4</b> (Low Temp Procedure I and II), <b>513.5</b> (Acceleration), <b>514.5</b> (Vibration – Wheeled Vehicle, 3 hour/axis), <b>516.5</b> (Mechanical Shock, 30g, 11ms half-sine assumed, 3 shocks per direction/axis)
Color	Grey: FED STD 595-26008, or Customer Preference (Desert Tan, Black, etc.)
MTBF	150698 Hours Ground Benign

Included Accessories/Warranty	Optional Accessories and S/W
AC/DC Supply – P/N: M3-EXT-DPS1	Batteries - M3-EXT-BAT1
Cisco 15.2(2) Base IOS	Cisco 15.2(1) Advanced IOS for 5915
Cisco LAN Base IOS	Cisco 15.2(2) Advanced IOS for 5915
	Cisco 15.2(3) Advanced IOS for 5915
	Cisco IOS Enterprise Base License for ESS2020
1-Year Hardware Warranty and Cisco SMARTNET	Transit Case – Desert Tan/Black
Module Stacking Hardware	Alternative power accessories ***
Cisco Serial/Console Cable	Accessory mounting bracket options ***
	Cellular/WAN/WiFi Module – P/N: M3-EXT-IM1***
	Easy Operator Configuration\Loader Tool ***

\*\*\* Contact a DTECH Sales representative for more information

The information contained herein has been reviewed in accordance with the International Traffic in Arms Regulations, 22 CFR 120-130, and the Export Administration Regulations, 15 CFR 730-774, and determined by DTECH Export Control Department to be rated EAR99. General Prohibitions still apply. Specifications are subject to change without notice.

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