

MC-Edge

Intelligent IoT Gateway



The MC-Edge is an intelligent gateway and RTU (remote terminal unit) that sits at the network edge, enabling users to remotely control and monitor end node devices. As the smart gateway for seamless IoT and SCADA connections, MC-Edge can analyze and act on input from hundreds of wireless and wired devices.

MC-Edge's extensive security, ultra-reliable communication capabilities and reliability of transport across two-way radio, LTE and analog radio modes make it easy for you to implement, support and grow your IoT/SCADA systems to fully support all your mission-critical operations.

The MC-Edge Intelligent IoT Gateway can be a valuable addition to your future plans if you're currently using the ACE 3600 Remote Terminal Unit.



FEATURE	MC-EDGE	ACE 3600	CUSTOMER BENEFITS
Built-in LoRa	Y	N	Simplify your IoT deployments with long-range, wireless sensors
Built-in LTE	Y	External	Easy backhaul connectivity anywhere with LTE wireless broadband coverage
Built-in P25 radio	Y	External	Wireless data connectivity with no service fees, using your existing P25 infrastructure
Linux-based OS	Y	N	Connect more devices and enable customization on a modern and widely supported operating system
MDLC	Y	Y	Efficient, secure protocol optimized for point-to-multipoint networks such as narrowband radio systems
MQTTS, HTTPS, IPsec protocols	Y	N	More ways to connect and keep data secure
Short setup time	Y	N	Easier and faster deployment without a need for a dedicated application
Security	Y	Y	Protect against unauthorized access and data snooping
Hardware Security Module (HSM)	2025	N	Strengthen security with a tamper-resistant crypto module
I/O module types	8 and growing	27	Design flexibility
Hot swap I/Os	Planned for 2026	Y	Reduces downtime for repairs and changes
5G Support	Y	Y	Additional backhaul flexibility with external modem
Size (W x H x D)	CPU: 3.0 x 6.3 x 4.4 inches 7.6 x 16.0 x 11.2 cm	CPU: 4.6 x 5.3 x 7.8 inches 11.7 x 13.5 x 19.8 cm	
	I/O module: 1.4 x 6.5 x 4.4 inches 3.6 x 16.5 x 11.2 cm	I/O module: 1.5 x 8.7 x 7.1 inches 3.8 x 22.1 x 18.0 cm	

MC-Edge can grow with you, helping you quickly deploy and securely operate your mission critical IoT networks.

To learn more, visit:
www.motorolasolutions.com/mcedge

