

Ultra-Rugged IP67 Switches

Red Lion's ultra-rugged IP67 switches are built to military standards, bringing advanced networking capabilities to the field. Thousands of today's deployed tanks, armored personnel carriers, unattended vehicles (UAVs), weapons control systems, naval vessels, helicopters, airplanes, drones and other assets depend on Red Lion IP67 switches.

- > Ultra-rugged construction
- > Superior performance in critical applications
- > MIL standard compliant



Ultra-Rugged IP67 Switches

- > IP67/NEMA 6 ingress protection for harsh environments
- > Commercial Off-The-Shelf (COTS) military-grade solutions
- > MIL-DTL-38999 series III connectors
- > Up to 10Gig backhaul connectivity



MODEL NUMBER	TYPE	POWER OPTIONS	TOTAL PORTS	FAST ETHERNET	GIGABIT ETHERNET		10 GIG FIBER*	INGRESS PROTECT	OPERATING TEMP
				10/100 COPPER	10/100/1000 COPPER	1000 FIBER			
MIL312	L3 Managed	18-36 VDC	12	-	12	-	-	IP67	-40° to 75°C
MIL314	L3 Managed	18-36 VDC	14	-	12	-	2	IP67	-40° to 70°C
MIL316	L3 Managed	18-36 VDC	16	-	12	4	-	IP67	-40° to 75°C
MIL318	L3 Managed	18-36 VDC	18	-	12	4	2	IP67	-40° to 70°C
ET-8MS-MIL	L2 Managed	10-30 VDC	8	8	-	-	-	IP67	-40° to 75°C
ET-8MG-MIL	L2 Managed	18-36 VDC	8	-	8	-	-	IP67	-40° to 75°C
ET-8ES-MIL	L2 Unmanaged	10-30 VDC	8	8	-	-	-	IP67	-40° to 75°C
ET-8EG-MIL	L2 Unmanaged	18-36 VDC	8	-	8	-	-	IP67	-40° to 75°C

MIL31X switches available with Layer 2 or Layer 3 management functionality.
 *Multimode and Singlemode fiber options available.

IP67 Industrial Switches

- > Rugged IP67/NEMA 6 enclosures
- > Versatile unmanaged and managed solutions
- > Hardened for the toughest applications



MODEL NUMBER	TYPE	POWER OPTIONS	TOTAL PORTS	FAST ETHERNET		INGRESS PROTECT	OPERATING TEMP
				10/100 COPPER			
700	708M12*	Managed	10-30 VDC	8	8	IP67	-40° to 80°C
	708M12-HV*	Managed	40-160 VDC	8	8	IP67	-40° to 80°C
	716M12*	Managed	10-49 VDC	16	16	IP67	-40° to 80°C
	716M12-HV*	Managed	40-160 VDC	16	16	IP67	-40° to 80°C
100	105M12*	Unmanaged	10-30 VDC	5	5	IP67	-40° to 80°C
	108M12*	Unmanaged	10-30 VDC	8	8	IP67	-40° to 70°C
	108M12-HV*	Unmanaged	10-60 VDC	8	8	IP67	-40° to 70°C
ET	ET-5ES-IP67	Unmanaged	10-30 VDC	5	5	IP67	-40° to 75°C
	ET-5RS-IP67	Ring	10-30 VDC	5	5	IP67	-40° to 75°C

*Ethernet ports have M12 connectors

OEM Board-Level Switches

- > Wide operating temperature range
- > Ready for copper, fiber or SFP connectors
- > Low power consumption



MODEL NUMBER	TYPE	TOTAL PORTS	FAST ETHERNET		GIGABIT ETHERNET		SIZE
			10/100 COPPER	100 FIBER	10/100/1000 COPPER	1000 FIBER	
ET-5MS-OEM	Managed	6	Up to 6	Up to 1	-	-	Ultra-compact 2.5 x 3.5"
ET-8MS-OEM	Managed	10	8	Up to 2	Up to 2	Up to 2	Standard PC/104 3.6 x 3.8"
ET-8MG-OEM-F	Managed	8	Up to 8	Up to 8	Up to 8	Up to 8	Standard PC/104 3.6 x 3.8"