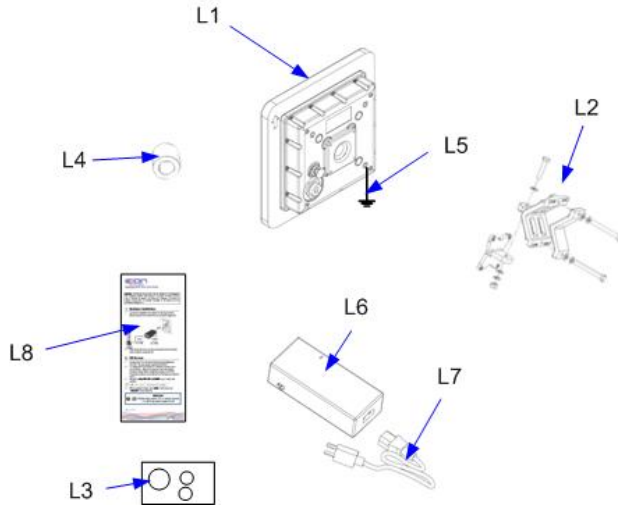


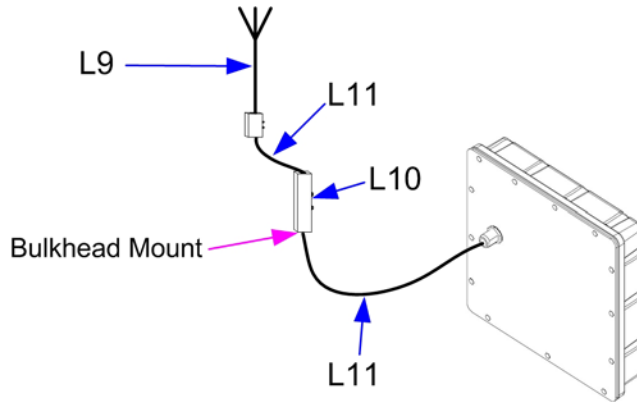
## Application Note

### LibraPlus 5860 System Checklist



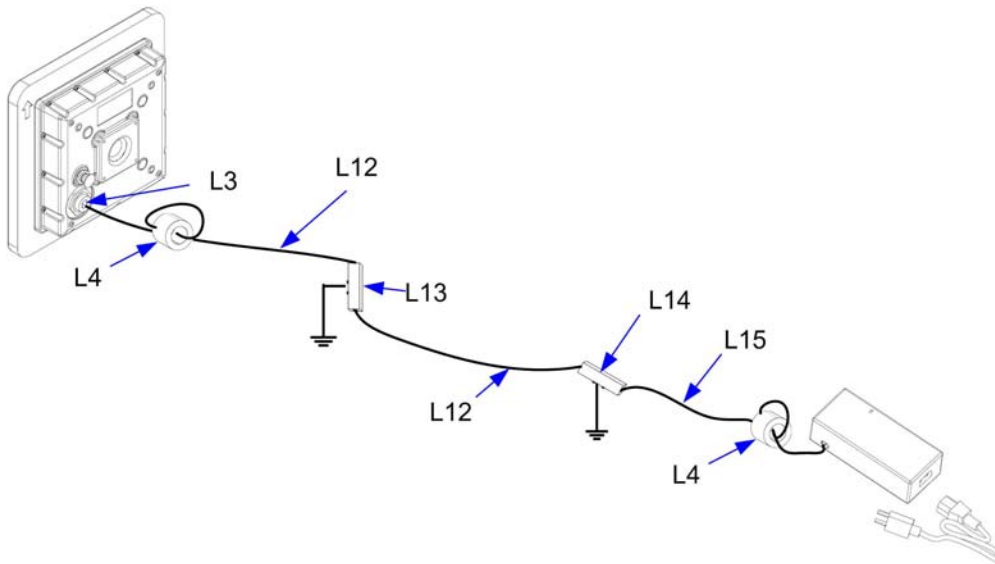
Item	Description	Part Number	Note
L1	LibraPlus 5860-28 RD (Rapid Deployment) Point-to-Point System	9140-2820	Includes L2, L3, L4, L5, L6, L7 and L8
	LibraPlus 5860-28 ER (Extended Range) Point-to-Point System	9140-2821	Includes L2, L3, L4, L5, L6, L7 and L8
	LibraPlus 5860-28 CPE (Customer Premise Equipment) Point-to-Multipoint System	9140-2802	Includes L2, L3, L4, L5, L6, L7 and L8
	LibraPlus 5860-28 AP (Access Point) Point-to-Multipoint System	9140-2803	Includes L2, L3, L4, L5, L6, L7 and L8
	LibraPlus 5860-28 LCPE (Long Range Customer Premise Equipment) Point-to-Multipoint System	9140-2804	Includes L2, L3, L4, L5, L6, L7 and L8
L2	Pole/Wall Mounting Bracket Kit	Included in L1	
L3	RJ45 Weatherproofing Kit	Included in L1	
L4	Round Cable Ferrite Bead (x2)	Included in L1	
L5	Grounding Lug	Included in L1	
L6	Power inserter 110-220 AC 48VDC @ 60W	4000-0040	Included in L1
L7	NEMA Power Cord 5-15P-IEC-320	Included in L1	
L8	LibraPlus 5860 Quick Start Guide	Included in L1	

## Antenna Cabling (ER, AP, LCPE Only)



Item	Description	Part Number	Notes
L9	5 GHz Antenna		See price book for full list of antennas
L10	5.8 GHz Surge Suppressor N(F)-N(F)	1220-0025	
L11	Cable RF 30cm (12 inch), LMR400 Ultra-Flex, Patch N(M)-N(M).	6010-0014	
	Cable RF 90cm (36 inch), LMR400 Ultra-Flex, Patch N(M)-N(M).	6010-0019	

## PoE Wiring



Item	Description	Part Number	Notes
L3	RJ45 Weatherproofing Kit	Included in L1	
L4	Round Cable Ferrite Bead (x2)	Included in L1	
L12	Cable 10m LibraPlus / Libra MAX-LT PoE	6010-1414	One 6010-14xx cable from list is required if not building own cable using L3 (included).
	Cable 50m LibraPlus / Libra MAX-LT PoE	6010-1440	
	Cable 100m LibraPlus / Libra MAX-LT PoE	6010-1416	
L13	RS485 Ethernet Surge Suppressor Transtector ALPU-WLAN (Hardware/Screwmount)	1220-0041	Order 1x 6010-14XX (L12) cable from list for use in this application. Cut cable at point of desired insertion of ALPU (L13). Use existing weatherproof connector side for radio. Hardwire cable ends into ALPU.
L14	Ethernet Surge Suppressor, Citel MJ8-POE-B	1220-0042	Designed for indoor use only
L15	Indoor CAT5E cable	-	Customer supplied