

PowerWise® for Extended Distance: The Facts

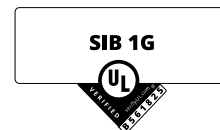
PowerWise® for Extended Distance Is UL Verified at Distances Longer than 100 Meters – Both 1G and 10G 4PPoE Cables!

- 1G transmission with Type 1 and 2 PoE tested for performance up to 160m
- Compliant to IEEE 802.3 bt standard for Type 1 and Type 4 PPOE
- Tested with Used Bit Error Rate, the only valid test to check how far a signal is eligible for any device
- Tests performed at ambient temperature and LP temperature of the cable

PowerWise® Extended Distance Maximum Supported Lengths

Direct Attach Application	Transmission/Standard	PowerWise® 1G		PowerWise® 10G	
		BER @ Ambient 20°C Type 1 & 2	BER @ Max 70.1°C Type 3 & 4	BER @ Ambient 20°C Type 1 & 2	BER @ Max 70.1°C Type 3 & 4
Data & Power (Bandwidth & Speed)	Max Distance @ 100 Mb/s	200 m	140 m	195 m	190 m
Data & Power (Bandwidth & Speed)	Max Distance @ 1 Gb/s	160 m	140 m	155 m	145 m
Data & Power (Bandwidth & Speed)	Max Distance @ 10 Gb/s	120 m	105 m	110 m	105 m

Direct Attach ¹ Camera Type	PoE	Bandwidth	Latency	PowerWise® 1G
				Max Distance
Any IP Security Camera	15 W	2 Mbps	100%	305 m
Any IP Security Camera	30 W	< 10 Mbps	100%	244 m
Any IP Security and Any PTZ Camera	60 W	100 Mbps	100%	200 m



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PRODUCT NAME

PART NUMBERS

PowerWise® 10G 4PPoE
CMP-LP

PW6H-H72-xB

PowerWise® 1G 4PPoE
CMR-LP/CMP-LP

PW52-H46-x5, PW52-H72-x5,
PW52-H46-x8, PW52-H72-x8

PowerWise® 1G 4PPoE Indoor/Outdoor
CMR/CMX Sunlight Resistant

PW52-H46-E1

PowerWise® 1G 4PPoE Indoor/Outdoor
CMR/CMX

PW52-H46-x1

PowerWise® 1G 4PPoE
CMR-LSHF

PW52-H46-xM, PW52-H72-xM

PowerWise® 1G 4PPoE with FEP Jacket
CMP-LP Indoor/Outdoor

PW52-H72-xP

PowerWise 1G 4PPoE
OSP Armored

PW04-401-55

PowerWise 1G 4PPoE
OSP Unshielded

PW04-401-58

