Outdoor HD Enclosure PoE Module Accessory





ES-HD-IPM

PoE+ input power module retrofit kit for Outdoor High Definition Camera Enclosures.

The PoE module allows the enclosure and the camera to be powered and networked by a single PoE or PoE+ connection providing a quick and easy installation. The module intelligently distributes the available power to camera, cooling fan (if equipped) and heater. In cold weather conditions, the module will automatically preheat the housing before starting the camera.

The module is compatible with ES-HD-HWS, ES-HD-CWS, ES-HD-HWS-LG and ES-HD-CWS-LG housings.

Power Consumption	PoE class 3 (13W)		Heater Operation		On: 20°C ±2°C (68°F ±4°F)	
	Hi-PoE class 4 (24W)				Off: 23°C ±2°C (73.4°F ±4°F)	
Power Available to Cameras	PoE class 3 input: PoE class 2 (7W)		Cooler Operation		On: 35°C ±2°C (95°F ±4°F)	
	Hi-PoE class 4 input: PoE class 3 (13W)		(For housings equipped with cooling fans)		Off: 32°C ±2°C (89.6°F ±4°F)	
Cold Start	Activated upon power on when temperature is below 0°C					
(Pre-heat housing)	Duration: 60 min to 120min, depending on environment					
Operating Temperature	Enclosure	Camera		External Ambient Temperature with PoE + Class 4		External Ambient Temperature with PoE Class 3
	ES-HD-HWS	H.264 HD Cameras (H3-B)		-20°C to 40°C (-4°F to 104°F)		-10°C to 40°C (14°F to 104°F)
	ES-HD-HWS-LG	JPEG2000 HD PRO Cameras (HD-PRO)		-20°C to 35°C (-4°F to 95°F)		n/a
		H.264 HD PRO Cameras (H4PRO-B)		-20°C to 37°C (-4°F to 98.6°F)		n/a
		H4 HD Cameras (H4A-B)		-20°C to 48°C (-4°F to 118°F)		n/a
	ES-HD-CWS	H.264 HD Cameras (H3-B)	-10°C to 48°C (14°F to 118°F)		-10°C to 48°C (14°F to 118°F)
	ES-HD-CWS-LG	JPEG2000 HD PRO Cameras (HD-PRO)		-10°C to 48°C (14°F to 118°F)		n/a
		H.264 HD PRO Cameras (H4PRO-B)		-10°C to 48°C (14°F to 118°F)		n/a
		H4 HD Cameras (H4A-B)		-10°C to 50°C (14°F to 122°F)		n/a
Cold Start (Pre-heat housing)	Activated upon power on when tempor Duration: 60 min to 120min, depending Enclosure ES-HD-HWS ES-HD-HWS-LG	erature is below 0°C g on environment Camera H.264 HD Cameras (JPEG2000 HD PRO (HD-PRO) H.264 HD PRO Came H4 HD Cameras (H4, H.264 HD Cameras (JPEG2000 HD PRO (HD-PRO) H.264 HD Cameras (JPEG2000 HD PRO (HD-PRO)	H3-B) Cameras eras (H4PRO-B) A-B) H3-B) Cameras eras (H4PRO-B)	External Ambient Temperat PoE + Class 4 -20°C to 40°C (-4°F to 104°F -20°C to 35°C (-4°F to 98.6°I -20°C to 37°C (-4°F to 118°F) -10°C to 48°C (14°F to 118°F) -10°C to 48°C (14°F to 118°F)	ure with	External Ambient Temperatur PoE Class 3 -10°C to 40°C (14°F to 104°F) n/a n/a -10°C to 48°C (14°F to 118°F) n/a n/a