

DS-3E0505HP-E 4 Port Gigabit Unmanaged PoE Switch



- 3 × gigabit PoE port, 1 × gigabit Hi-PoE port and 1 × gigabit RJ45 port.
- IEEE 802.3at/af/bt standard for Hi-PoE port (Max. 60 W PoE output).
- IEEE 802.3at/af standard for PoE ports (Max. 30 W PoE output).
- IEEE 802.3, IEEE 802.3u, IEEE 802.3x, and IEEE 802.3ab standard.
- 6 kV surge protection for PoE ports.
- Up to 300 m long-range transmission.
- PoE watchdog to auto detect and restart the cameras that do not respond.
- Port isolation to improve network security.
- Gigabit network access design.
- Wire-speed forwarding.
- Store-and-forward switching.
- Solid high-strength metal shell.
- Reliable fan-free design.



.

Specification

ShellMeta material, fan-free designNet Weight0.25 kg (0.59 lb)Gross Weight0.43 kg (0.95 lb)Dimensions (W × H × D)12.0 mm × 8.1 mm × 27.6 mm (4.76" × 3.47" × 1.09")Operating Temperature0.40 to (3.2" Fto 104 "F)Operating Temperature0.40 to 8.5" (4.04 "Fto 185 "F)Operating Humidity5% to 5% (no condensation)Relative Humidity5% to 5% (no condensation)Power Supply48 VD C, 1.35 AMax. Power Consumption5% UPower Consumption in Idle5% UPower Con	General	
Gross Weight0.43 g (0.95 lb)Dimensions (W × H × D)121.0 mm × 82.6 mm (4.76" × 3.47" × 1.09")Operating Temperature-0° C to 40 °C (32 °F to 104 °F)Storage Temperature-40° C to 85 °C (-40 °F to 185 °F)Operating Humidity5% to 95% (no condensation)Relative Humidity5% to 95% (no condensation)Power Supply48 V DC, 1.35 AMax. Power Consumption65 WPower Consumption in Idle5WPower Consumption in Idle5WPower Consumption in Idle5KPower Consumption in Idle5KSurge Protection6k/VNacAddress Table2KMAC Address Table2KSurge Protection10 GbpsPacket Forwarding Rate7.44 MppSInternal Cache1 MbitsPoE Power Supply48.00C, 3.34, IEEE 802.34, IEEE 802.34LPoE Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)PoE Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)Power Bouge toPort 1: 60 W Ports 2 to 4: 30 WPort S 2 to 4: 30 WPower 200 M Ports 2 to 4: 30 WPower Dower Bouge toPort 1: 60 W Ports 2 to 4: 30 WPower Dower Bouge toPort 1: 60 W Ports 2 to 4: 30 WPort S 1 64 : up to 300 M Long range performance may vary depend on	Shell	Metal material, fan-free design
Dimensions (W × H × D)121.0 mm × 88.1 mm × 27.6 mm (4.76" × 3.47" × 1.09")Operating Temperature0 °C to 40 °C (32 °F to 104 °F)Storage Temperature40 °C to 85 °C (40 °F to 185 °F)Operating Humidity5% to 95% (no condensation)Relative Humidity5% to 95% (no condensation)Power Supply48 V DC, 1.35 AMax. Power Consumption65 WPower Consumption in Idle5WSurge Protection6 kVSurge Protection6 kVNetwork ParametersPorts4 × Gigabit DeE port, 1 × Gigabit RI45 portMAC Address Table2 KSwitching Capacity10 GbpsPacket Forwarding Rate7.44 MppsInternal Cache1 MbitsPof Source Supply48 Cload Stati (EE 802.3at) (EEE 802.3bt)Po Forwer Supply10 GbpsPof Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)Pof Power Pin9-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)Max. Port PowerPorts 2 to 4.Potis Co WPorts 1 to 4. port isolation mode to improve network security.Potis Co WPorts 1 to 4. port isolation mode to improve network security.Potis Co WPorts 1 to 4. port isolation mode to improve network security.Potis Co WPorts 1 to 4. auto detect and restar	Net Weight	0.27 kg (0.59 lb)
Operating Temperature0 °C to 40 °C (32 °F to 104 °F)Storage Temperature-40 °C to 85 °C (-40 °F to 185 °F)Operating Humidity5% to 55% (no condensation)Relative Humidity5% to 55% (no condensation)Relative Humidity5% to 55% (no condensation)Power Supply48 V DC, 1.35 AMax. Power Consumption65 WPower Supply48 V DC, 1.35 ANetwork ParametersVPorts4 × Gigabit PoE port, 1 × Gigabit RJ45 portMAC Address Table2 KSwitching Capacity10 GbpsPacket Forwarding Rate7.44 MppsInternal Cache1 MbitsPoE Power Supply16EE 802.3at,IEEE 802.3btPoE Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)PoE Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)PoE Power Budget0 WDotaling FunctionVUng RangePort 1: 60 W Ports 2 to 4 aPort 2 to 4 a 00 W Ports 2 to 4 a 00 W Ports 2 to 4: 30 WPoel Power BudgetPort 1: 60 W Ports 2 to 4: 30 WPoel StandardI Lorg range performance may vary depend on camera model or cable condition. Port 1: 60 T Port 3 to 4: up to 300 m Long range performance may vary depend	Gross Weight	0.43 kg (0.95 lb)
Storage Temperature-40 °C to 85 °C (-40 °F to 185 °F)Operating Humidity5% to 95% (no condensation)Relative Humidity5% to 95% (no condensation)Power Supply48 V DC, 1.35 AMax. Power Consumption65 WPower Consumption in Idle5WSurge Protection6 kVNetwork Parameters	Dimensions (W × H × D)	121.0 mm × 88.1 mm × 27.6 mm (4.76'' × 3.47'' × 1.09'')
Operating Humidity5% to 95% (no condensation)Relative Humidity5% to 95% (no condensation)Power Supply48 V DC, 1.35 AMax. Power Consumption65 WPower Consumption in Idle5 WInstallation ModeDesk-MountedSurge Protection6 kVNetwork Parameters4 × Gigabit POE port, 1 × Gigabit RI45 portPorts4 × Gigabit POE port, 1 × Gigabit RI45 portMAC Address Table2 KSwitching Capacity10 GbpsPoteket Forwarding Rate7.44 MppsInternal Cache1 MbitsPoE Power SupplyEEE 802.3af,IEEE 802.3at,IEEE 802.3btPoE Power Supply	Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Relative Humidity5% to 95% (no condensation)Power Supply48 V DC, 1.35 AMax. Power Consumption55 WPower Consumption In Idle5 WSurge Protection6 k VSurge Protection6 k VNetwork Parameters2 KPorts4 × Gigabit PoE port, 1 × Gigabit RJ45 portMAC Address Table2 KSwitching Capacity10 GbpsPacket Forwarding Rate7.44 MppsInternal Cache1 MbitsPote StandardEEE 802.3at,IEEE 802.3btPoE Power SupplyHi-PoE: Port 1 PoE: Port 1 PoE: Port 1 PoE: Port 1 2: 0.4 MPoE Power SupplyPort 1: 60 W Ports 2 to 4Pote Power SupplePort 1: 60 W Ports 2 to 4Pote Power Budget0 OvDor Sup Aging Power: J/2(.), 3/6(+), 4/5(+), 7/8(-)Pote Power BudgetPorts 1 to 4: port 0 Ports 2 to 4Pote StandardFort 5 to 1 4 Pote: Port 1 Pote: Port 1 2: 0.0 W Ports 2 to 4Pote Power Budget0 OvPote Power BudgetPorts 1 to 4: pot 300 M Long range performance may vary depend on camera model or cable condition. Long range performance may vary depend on camera model or cable condition. Long range performance may vary depend on camera model or cable condition. Long range performance may vary depend on camera model or cable condition. Long range performance may vary depend on camera model or cable condition. Long range performance may vary depend on camera model or cable condition. Long range performance may vary depend on camera model or cable condition. Long range performance may vary depend on camera model or cable condition. Long	Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Power Supply48 V DC, 1.35 AMax. Power Consumption65 WPower Consumption In Idle5 WInstallation ModeDesk-MountedSurge Protection6 kVNetwork ParametersPorts4 × Gigabit POE port, 1 × Gigabit RI45 portMAC Address Table2 KSwitching Capacity10 GbpsPoket Forwarding Rate7.44 MppsInternal Cache1 MbitsPoer SupplyPoer SupplyEEE 802.3af,IEEE 802.3btPoer SupplyPoer Supply	Operating Humidity	5% to 95% (no condensation)
Nax. Power Consumption in Idle55 WPower Consumption in Idle5 WInstallation ModeDesk-MountedSurge Protection6 kVNetwork ParametersPorts4 × Gigabit POE port, 1 × Gigabit RI45 portMAC Address Table2 KSwitching Capacity10 GbpsPoket Forwarding Rate7.44 MppsInternal Cache1 MbitsPoE StandardIEEE 802.3af,IEEE 802.3at,IEEE 802.3btPoE Power SupplHi-PoE: Port 1PoE Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)PoE Power RouterPort 1: 60 WPorts 2 to 4Port 2: 60 WPorts 2 to 4: 30 WPort IsolationPorts 1 to 4: port isolation mode to improve network security.Port IsolationPorts 1 to 4: port isolation mode to improve network security.Port IsolationPorts 1 to 4: port isolation mode to improve network security.Port IsolationPorts 1: 00, Ports 1: 00, Po	Relative Humidity	5% to 95% (no condensation)
Power Consumption in IndeeSWInstallation ModeDesk-MountedSurge Protection6 kVNetwork ParametersPorts4 × Gigabit PoE port,1 × Gigabit RJ45 portMAC Address Table2 KSwitching Capacity10 GbpsPacket Forwarding Rate7.44 MppsInternal Cache1 MbitsPoF Sourd SupplyEEE 802.3af,IEEE 802.3at,IEEE 802.3btPoE Power SupplyPort 1: G0 WPort Stord Address Table9 Port 1: G0 WPort Stord SupplyPort Stord SupplyPort Stord SupplyPort Stord SupplyPort SupplyPort Stord SupplyPort Stord SupplyPort Stord SupplyPort Stord SupplyPort Stord Supply <t< td=""><td>Power Supply</td><td>48 V DC, 1.35 A</td></t<>	Power Supply	48 V DC, 1.35 A
Installation ModeDesk-MountedSurge Protection6 kVNetwork ParametersPorts4 × Gigabit PoE port, 1 × Gigabit RJ45 portMAC Address Table2 KSwitching Capacity10 GbpsPacket Forwarding Rate7.44 MppsInternal Cache7.44 MppsInternal Cache10 BitsPoE Power SupplyEEE 802.3at,IEEE 802.3btPoE Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)PoE Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)PoE Power Pin6.0 WPoE: Port 1 PoE: Port 1 PoE: Port 2 to 4PoE: Power SupplyPort 1: 60 W Port 3 to 4: 30 WPot 2 to 4: 30 WPot 2 to 4: 30 WPot 2 to 4: 30 WPort 1: 60 W Ports 2: 0: 1	Max. Power Consumption	65 W
Surge Protection6 kVNetwork ParametersPorts4 × Gigabit PoE port,1 × Gigabit RJ45 portMAC Address Table2 KSwitching Capacity10 GbpsPacket Forwarding Rate7.44 MppsInternal Cache1 MbitsPoE StandardIEEE 802.3af,IEEE 802.3at,IEEE 802.3btPoE Power SupplyHi-PoE: Port 1PoE Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)PoE Power PinPort 1: 60 W Ports 2 to 4PoE Power Budget60 WPot 1: s0 W Ports 2 to 4: 30 WPot Power Budget9 Port 1: 60 W Ports 2 to 4: 30 WPot Power Budget60 WPot I to 300 m Long range performance may vary depend on camera model or cable condition.Port IsolationPorts 1 to 4: port isolation mode to improve network security.Pot IsolationFCC (47 CFR Part 15, Subpart B),CE-EMC (EN S5032: 2015+A11: 2020, EN IEC Si035: 2017+A11: 2020, IC (ICES-003: Issue 7:2020, RCM (AS/NZS CISPR 32: 2015)EmCCall Call Cospo-1,CB (AMD1:2009, AMD2:2013, IEC 6368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	Power Consumption in Idle	5 W
Network ParametersPorts4 × Gigabit PoE port,1 × Gigabit RJ45 portMAC Address Table2 KSwitching Capacity10 GbpsPacket Forwarding Rate7.44 MppsInternal Cache1 MbitsPoE Power SupplyPoE StandardIEEE 802.3af,IEEE 802.3at,IEEE 802.3btPoE Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)PoE Power PinPort 1:60 WPoE: Port 2 to 4PoE: Ports 2 to 4PoE Power Budget60 WPot 1:60 WPort 2:00 WPort 2:01 to 4: 30 WPot StationPort 1:60 WPort 2:01 to 4: 00 WPorts 2 to 4:30 WPot StationPot StationPot S 3 to 4: up to 300 mLong RangePorts 3 to 4: up to 300 mLong range performance may vary depend on camera model or cable condition.Port IsolationPorts 1 to 4: port isolation mode to improve network security.Pot WatchdogPorts 1 to 4: auto detect and restrat the cameras that do not respond.ApprovalEMCE100-3-2: 2019, EN 6100-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 5503: 2015+A11: 2020, EN IECSafetyUL (UL G0950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	Installation Mode	Desk-Mounted
Ports4 × Gigabit POE port,1 × Gigabit RJ45 portMAC Address Table2 KSwitching Capacity10 GbpsPacket Forwarding Rate7.44 MppsInternal Cache1 MbitsPoE StandardIEEE 802.3af,IEEE 802.3at,IEEE 802.3btPoE Power Supply8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)PoE Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)PoE PortPort 1 PoE: Ports 2 to 4Poc Power BudgetPort 1: 60 W Ports 2 to 4: 30 WPoc Power Budget0WPot Statistic Power BudgetOWDong RangePorts 3 to 4: up to 300 m Cong range performance may vary depend on camera model or cable condition.Port Is loaltionPorts 1 to 4: port isolation mode to improve network security.Poct SubtchdogPorts 1 to 4: port isolation mode to improve network security.Ports SubtchdogPorts 1 to 4: port isolation mode to improve network security.Ports It out isolation policy isolation 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2:	Surge Protection	6 kV
MAC Address Table2 KSwitching Capacity10 GbpsPacket Forwarding Rate7.44 MppsInternal Cache1 MbitsPoE Power SupplyPoE StandardIEEE 802.3at,IEEE 802.3at,IEEE 802.3btPoE Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)PoE PortHi-PoE: Port 1 PoE: Ports 2 to 4PoE Power Budget0WPort 1: 60 W Ports 2 to 4: 30 WPoE Power Budget60 WDialing FunctionLong range performance may vary depend on camera model or cable condition. Iong range performance may vary depend on camera model or cable condition.Port Is lolationPorts 1 to 4: port isolation mode to improve network security.Poet WatchdogPorts 1 to 4: auto detect and restart the cameras that do not respond.ApprovalFCC (47 CFR Part 15, Subpart B),CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A11: 2019, EN 51030-4: 2011+A11: 2014, EN 55035: 2017+A11: 2020, IC (ICES-003: Issue 7:2020),RCM (AS/NZS CISPR 32: 2015)SafetyUL (UL G09S0-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	Network Parameters	
Switching Capacity10 GbpsPacket Forwarding Rate7.44 MppsInternal Cache1 MbitsPoE Power SupplyEEE 802.3af,IEEE 802.3at,IEEE 802.3btPoE Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)PoE Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)PoE PortPort 1: 60 W Ports 2 to 4Max. Port Power60 WPote Power Budget60 WDaling FunctionPort 1: 60 W Ports 2 to 4: 30 WPort SolationFort 1: 60 W Ports 2 to 4: 30 WPote Power Budget60 WDaling FunctionPorts 3 to 4: up to 300 m Long range performance may vary depend on camera model or cable condition.Port IsolationPorts 1 to 4: auto detect and restart the cameras that do not respond.ApprovalFCC (47 CFR Part 15, Subpart B), CE-EMC (EN 55032: 2015+A11: 2020, EN IEC S1035: 2017+A11: 2020), IC (ICES-003: Issue 7:2020), RCM (AS/NZS CISPR 32: 2015)SafetyUL (UL 60950-1), CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	Ports	4 × Gigabit PoE port,1 × Gigabit RJ45 port
Packet Forwarding Rate7.44 MppsInternal Cache1 MbitsPoE Power SupplyEEE 802.3af,IEEE 802.3at,IEEE 802.3btPoE StandardIEEE 802.3af,IEEE 802.3btPoE Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)PoE PortHi-PoE: Port 1 PoE: Ports 2 to 4PoE Power PowerPort 1: 60 W Ports 2 to 4: 30 WPoE Power Budget60 WDailing FunctionForts 3 to 4: up to 300 m Long range performance may vary depend on camera model or cable condition.Port IsolationPorts 1 to 4: port isolation mode to improve network security.PoE WatchdogPorts 1 to 4: auto detect and restart the cameras that do not respond.ApprovalFCC (47 CFR Part 15, Subpart B), CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020), IC (ICES-003: Issue 7:2020), RCM (AS/NZS CISPR 32: 2015)SafetyUL (UL 60950-1), CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	MAC Address Table	2 К
Internal Cache1 MbitsPoE Power SupplyPoE StandardIEEE 802.3af,IEEE 802.3at,IEEE 802.3btPoE Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)PoE PortHi-PoE: Port 1 PoE: Ports 2 to 4Poar PowerPort 1: 60 W Ports 2 to 4.30 WPoer Power Budget60 WDef Power BudgetPort 3 to 4: up to 300 m Long range performance may vary depend on camera model or cable condition.Port IsolationPorts 1 to 4: port isolation mode to improve network security.Poer WatchdogPorts 1 to 4: auto detect and restart the cameras that do not respond.ApprovalFCC (47 CFR Part 15, Subpart B),CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020, JC (ICES-003: Issue 7:2020),RCM (AS/NZS CISPR 32: 2015)SafetyUl (UL 60950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	Switching Capacity	10 Gbps
PoE Power SupplyPoE StandardIEEE 802.3af,IEEE 802.3at,IEEE 802.3btPoE Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)PoE PortHi-POE: Port 1 POE: Ports 2 to 4PoE PortPoE: Ports 2 to 4Max. Port PowerPort 1: 60 W Ports 2 to 4: 30 WPoer Budget60 WDef PortPorts 3 to 4: up to 300 m Long range performance may vary depend on camera model or cable condition.Port IsolationPorts 1 to 4: port isolation mode to improve network security.PoE WatchdogPorts 1 to 4: auto detect and restart the cameras that do not respond.ApprovalFCC (47 CFR Part 15, Subpart B),CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020, J.CI (ICES-003: Issue 7:2020),RCM (A5/NZS CISPR 32: 2015)SafetyUL (UL 60950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	Packet Forwarding Rate	7.44 Mpps
PoE StandardIEEE 802.3at,IEEE 802.3at,IEEE 802.3btPoE Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)PoE PortHi-PoE: Port 1 PoE: Ports 2 to 4PoE: Ports 2 to 4Port 1: 60 W Ports 2 to 4: 30 WPoet Power Budget60 WDealing FunctionFort 3 to 4: up to 300 m Long range performance may vary depend on camera model or cable condition.Port IsolationPorts 1 to 4: port isolation mode to improve network security.PoE WatchdogPorts 1 to 4: auto detect and restart the cameras that do not respond.ApprovalFCC (47 CFR Part 15, Subpart B), CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020, IC (ICES-003: Issue 7:2020), RCM (As/NZS CISPR 32: 2015)SafetyUL (UL 60950-1), CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	Internal Cache	1 Mbits
PoE Power Pin8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)PoE PortHi-PoE: Port 1 PoE: Ports 2 to 4PoE: Ports 2 to 4Port 1: 60 W Ports 2 to 4: 30 WPoE Power Budget60 WDialing FunctionForts 3 to 4: up to 300 m Long range performance may vary depend on camera model or cable condition.Port IsolationPorts 1 to 4: port isolation mode to improve network security.PoE WatchdogPorts 1 to 4: auto detect and restart the cameras that do not respond.ApprovalFCC (47 CFR Part 15, Subpart B),CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020, IC (ICES-003: Issue 7:2020),RCM (AS/NZS CISPR 32: 2015)SafetyUL (UL 60950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	PoE Power Supply	
PoE PortHi-PoE: Port 1 PoE: Ports 2 to 4Max. Port PowerPort 1: 60 W Ports 2 to 4: 30 WPoE Power Budget60 WDaling FunctionForts 3 to 4: up to 300 m Long range performance may vary depend on camera model or cable condition.Port IsolationPorts 1 to 4: up to isolation mode to improve network security.PoE WatchdogPorts 1 to 4: auto detect and restart the cameras that do not respond.ApprovalFCC (47 CFR Part 15, Subpart B), CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020, IC (ICES-003: Issue 7:2020), RCM (AS/NZS CISPR 32: 2015)SafetyUL (UL 60950-1), CB (AMD1: 2009, AMD2: 2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	PoE Standard	IEEE 802.3af,IEEE 802.3at,IEEE 802.3bt
PoE PortPoE: Ports 2 to 4Max. Port PowerPort 1: 60 W Ports 2 to 4: 30 WPoE Power Budget60 WDaling FunctionPorts 3 to 4: up to 300 m Long range performance may vary depend on camera model or cable condition.Port IsolationPorts 1 to 4: port isolation mode to improve network security.PoE WatchdogPorts 1 to 4: auto detect and restart the cameras that do not respond.ApprovalEC (47 CFR Part 15, Subpart B), CE-EMC (EN 55032: 2015+A11: 2020, EN IEC Si035: 2017+A11: 2020, IC (IEES-003: Issue 7:2020), RCM (AS/NZS CISPR 32: 2015)SafetyUL (UL 60950-1), CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	PoE Power Pin	8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)
PoE: Ports 2 to 4Max. Port PowerPort 1: 60 W Ports 2 to 4: 30 WPoE Power Budget60 WDialing FunctionLong RangePorts 3 to 4: up to 300 m Long range performance may vary depend on camera model or cable condition.Port IsolationPorts 1 to 4: port isolation mode to improve network security.PoE WatchdogPorts 1 to 4: auto detect and restart the cameras that do not respond.ApprovalFCC (47 CFR Part 15, Subpart B),CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020, IC (ICES-003: Issue 7:2020),RCM (AS/NZS CISPR 32: 2015)SafetyUL (UL 60950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	PoE Port	Hi-PoE: Port 1
Max. Port PowerPorts 2 to 4: 30 WPoE Power Budget60 WDialing FunctionLong RangePorts 3 to 4: up to 300 m Long range performance may vary depend on camera model or cable condition.Port IsolationPorts 1 to 4: port isolation mode to improve network security.PoE WatchdogPorts 1 to 4: auto detect and restart the cameras that do not respond.ApprovalFCC (47 CFR Part 15, Subpart B),CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020,IC (ICES-003: Issue 7:2020),RCM (AS/NZS CISPR 32: 2015)SafetyUL (UL 60950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)		PoE: Ports 2 to 4
Ports 2 to 4: 30 WPoE Power Budget60 WDialing FunctionPorts 3 to 4: up to 300 m Long range performance may vary depend on camera model or cable condition.Port IsolationPorts 1 to 4: port isolation mode to improve network security.PoE WatchdogPorts 1 to 4: auto detect and restart the cameras that do not respond.ApprovalFCC (47 CFR Part 15, Subpart B),CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020,IC (ICES-003: Issue 7:2020),RCM (AS/NZS CISPR 32: 2015)SafetyUL (UL 60950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	Max. Port Power	Port 1: 60 W
Dialing FunctionLong RangePorts 3 to 4: up to 300 m Long range performance may vary depend on camera model or cable condition.Port IsolationPorts 1 to 4: port isolation mode to improve network security.PoE WatchdogPorts 1 to 4: auto detect and restart the cameras that do not respond.ApprovalEMCFCC (47 CFR Part 15, Subpart B),CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020),IC (ICES-003: Issue 7:2020),RCM (AS/NZS CISPR 32: 2015)SafetyUL (UL 60950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)		Ports 2 to 4: 30 W
Long RangePorts 3 to 4: up to 300 m Long range performance may vary depend on camera model or cable condition.Port IsolationPorts 1 to 4: port isolation mode to improve network security.PoE WatchdogPorts 1 to 4: auto detect and restart the cameras that do not respond.ApprovalFCC (47 CFR Part 15, Subpart B),CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020),IC (ICES-003: Issue 7:2020),RCM (AS/NZS CISPR 32: 2015)SafetyUL (UL 60950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	PoE Power Budget	60 W
Long RangeLong range performance may vary depend on camera model or cable condition.Port IsolationPorts 1 to 4: port isolation mode to improve network security.PoE WatchdogPorts 1 to 4: auto detect and restart the cameras that do not respond.ApprovalFCC (47 CFR Part 15, Subpart B),CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020,IC (ICES-003: Issue 7:2020),RCM (AS/NZS CISPR 32: 2015)SafetyUL (UL 60950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	Dialing Function	
Long range performance may vary depend on camera model or cable condition.Port IsolationPorts 1 to 4: port isolation mode to improve network security.PoE WatchdogPorts 1 to 4: auto detect and restart the cameras that do not respond.ApprovalEMCFCC (47 CFR Part 15, Subpart B),CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020),IC (ICES-003: Issue 7:2020),RCM (AS/NZS CISPR 32: 2015)SafetyUL (UL 60950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	Long Range	Ports 3 to 4: up to 300 m
PoE Watchdog Ports 1 to 4: auto detect and restart the cameras that do not respond. Approval FCC (47 CFR Part 15, Subpart B),CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020),IC (ICES-003: Issue 7:2020),RCM (AS/NZS CISPR 32: 2015) Safety UL (UL 60950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)		Long range performance may vary depend on camera model or cable condition.
Approval FCC (47 CFR Part 15, Subpart B),CE-EMC (EN 55032: 2015+A11: 2020, EN IEC EMC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020),IC (ICES-003: Issue 7:2020),RCM (AS/NZS CISPR 32: 2015) Safety UL (UL 60950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	Port Isolation	Ports 1 to 4: port isolation mode to improve network security.
FCC (47 CFR Part 15, Subpart B),CE-EMC (EN 55032: 2015+A11: 2020, EN IEC EMC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020),IC (ICES-003: Issue 7:2020),RCM (AS/NZS CISPR 32: 2015) Safety UL (UL 60950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	PoE Watchdog	Ports 1 to 4: auto detect and restart the cameras that do not respond.
EMC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020),IC (ICES-003: Issue 7:2020),RCM (AS/NZS CISPR 32: 2015) Safety UL (UL 60950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	Approval	
Safety UL (UL 60950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)	EMC	FCC (47 CFR Part 15, Subpart B),CE-EMC (EN 55032: 2015+A11: 2020, EN IEC
Safety UL (UL 60950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)		61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN
Safety CE-LVD (EN 62368-1: 2014+A11: 2017)		55035: 2017+A11: 2020),IC (ICES-003: Issue 7:2020),RCM (AS/NZS CISPR 32: 2015)
CE-LVD (EN 62368-1: 2014+A11: 2017)	Safety	UL (UL 60950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition),
Chemistry CE-RoHS (2011/65/EU)	Jaiety	CE-LVD (EN 62368-1: 2014+A11: 2017)
	Chemistry	CE-RoHS (2011/65/EU)



Available Model

DS-3E0505HP-E

Headquarters No.555 Qianmo Road, Binjiang District, Hangzhou 310051, China T +86-571-8807-5998 www.hikvision.com

Follow us on social media to get the latest product and solution information.











O hikvisionhq

© Hangzhou Hikvision Digital Technology Co., Ltd. Unless otherwise agreed, Hikvision makes no warranties, express or implied. We reserve the right to introduce modifications without notice.

