



Network Transmission

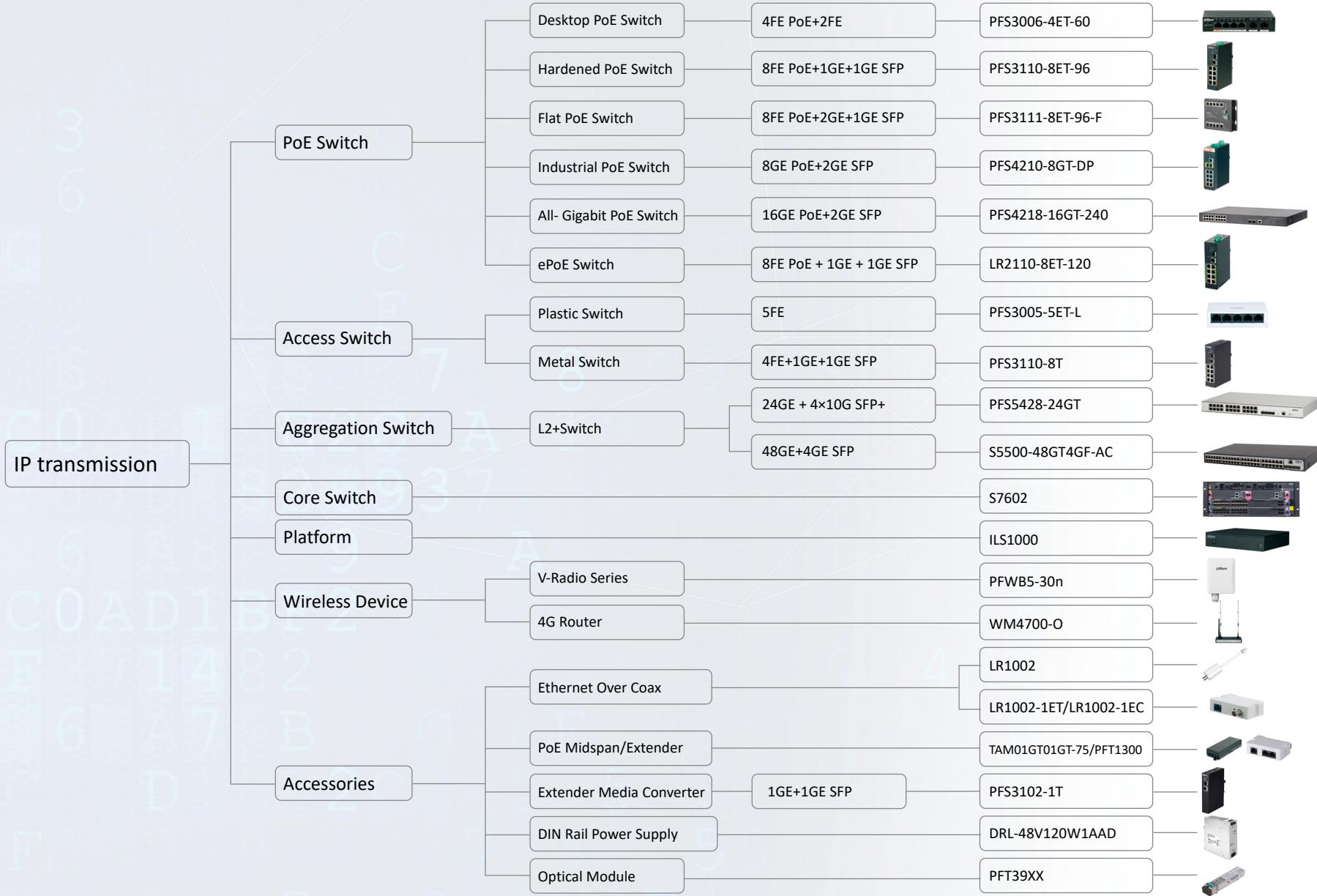
Products and Solutions



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PRODUCT GUIDE

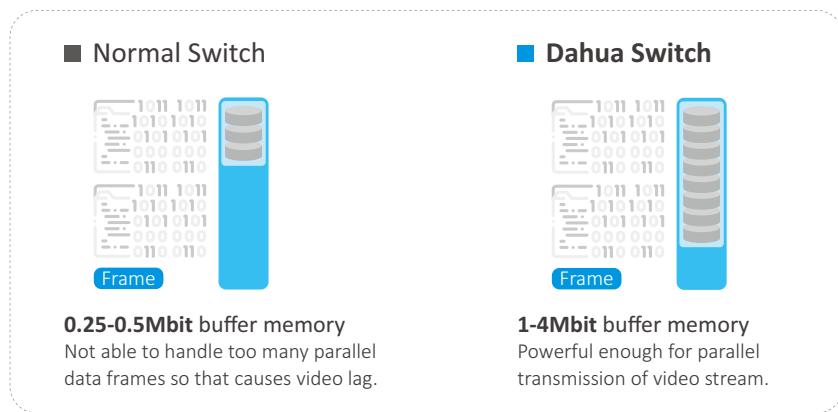


What Dahua Offers

Non-Blocking Video Transmission

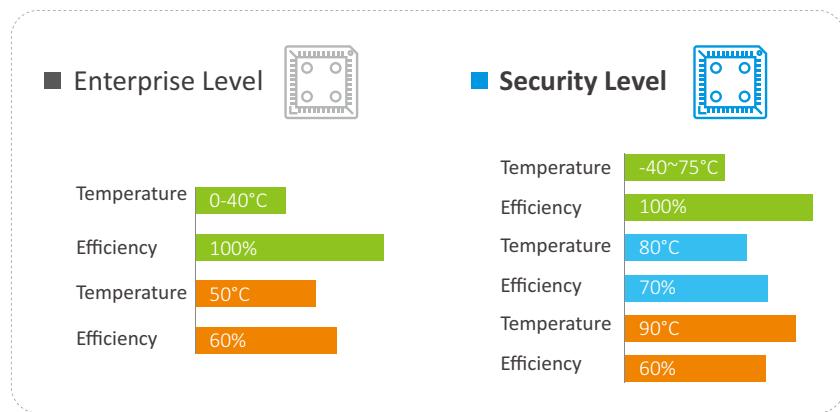
Considering the high data rate and jumbo frame (I frame), Dahua switch adopts larger buffer memory compared to normal switch to improve parallel transmission for large frames.

Moreover, Flow Control is an another feature which is able to smooth the video transmission.



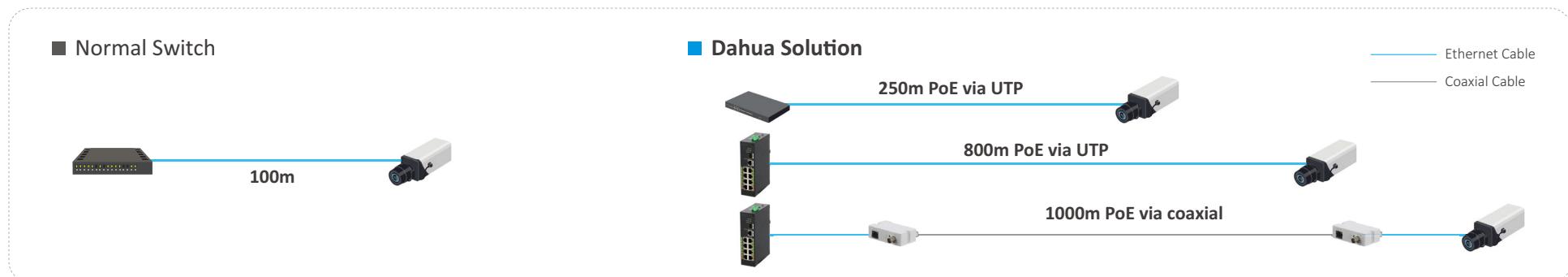
Wide Working Temperature Design

The temperature of traditional enterprise switches ranges from 0 to 40°C. If temperatures are out of range, some devices may malfunction or operate less efficiently. The Dahua switch can function normally in a wide range of extreme temperatures from -40 to 75°C.



Long Distance PoE

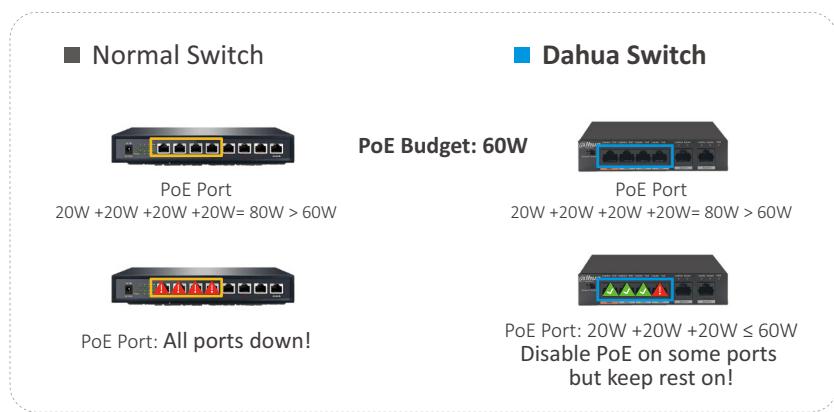
Longer distance PoE transmission, is very convenient in installation and also save cost for customers!



What Dahua Offers

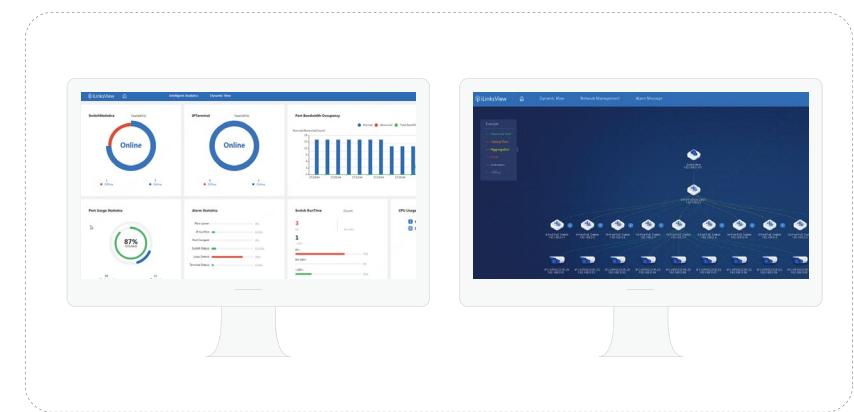
Intelligent PoE

The ports of Dahua PoE switches have different priorities. The smaller port number, the higher priority. It can guarantee power supply for VIP ports (smaller port number) when the total power consumption of PD devices exceed the PoE budget of switch.



iLinksView

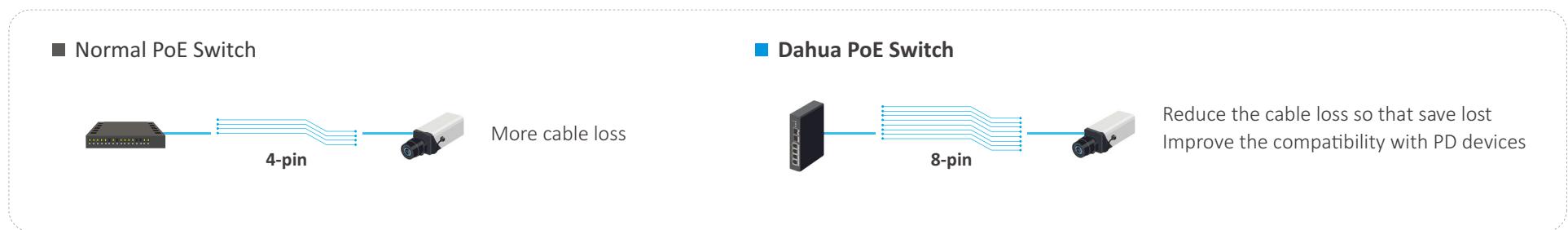
Dahua iLinksView network management platform is specially designed for intelligent security network, which greatly simplifies network operation and maintenance in CCTV network. It's able to realize the whole network topology visualization, intelligent analysis and statistics, network management, real-time alarm, etc.



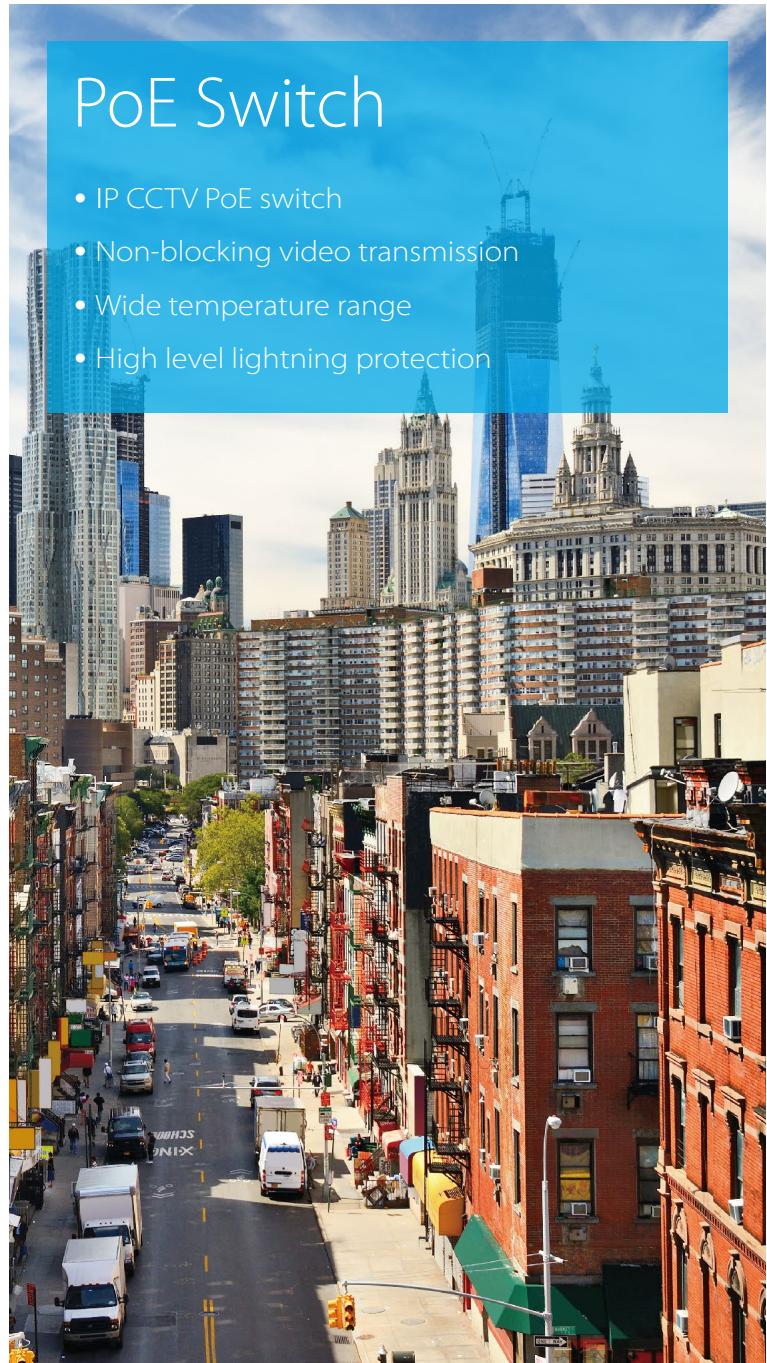
8-pin Power Supply

Traditional PoE only use 4-pin (2-pairs) to provide power supply to the PD devices such as IP cameras.

Dahua PoE switch supports 8-pin power supply with backward compatibility with 4-pin, which is able to reduce the cable loss during the transmission, especially in long distance PoE transmission.



PoE Switch



PoE Switch

- IP CCTV PoE switch
- Non-blocking video transmission
- Wide temperature range
- High level lightning protection

PoE Switch				
	Desktop PoE Switch			
Model	PFS3005-4ET-60	PFS3006-4ET-60	PFS3006-4GT-60	PFS3008-8GT-96
Appearance				
Fast/Gigabit Ethernet	4FE PoE+1FE	4FE PoE+2FE	4GE PoE+2GE	8GE PoE
SFP Slots	--	--	--	--
Switching Capacity	1Gbps	1.8Gbps	14Gbps	20Gbps
Packet Forwarding Rate	744Kpps	890Kpps	8.93 Mpps	11.9Mpps
Packet Buffer Memory	448Kb	768Kb	1Mb	1.5Mb
MAC Table Size	1K	2K	2K	8K
PoE Standard	PoE (802.3af) PoE+ (802.3at), Hi-PoE	PoE (802.3af) PoE+ (802.3at), Hi-PoE	PoE (802.3af), PoE+ (802.3at),Hi-PoE	PoE (802.3af) PoE+ (802.3at), Hi-PoE
PoE Budget	60W	60W	60W	96W
Long Distance PoE Transmission	Yes (250 meters)	Yes (250 meters)	--	--
VLAN	--	--	--	--
Link Aggregation	--	--	--	--
Flow Control	Supported	Supported	Supported	Supported
Spanning Tree	--	--	--	--
Management	--	--	--	--
Lightning Protection	Common Mode 2KV Differential Mode 1KV	Common Mode 2KV Differential Mode 0.5KV	Common Mode 2KV Differential Mode 1KV	Common Mode 2KV Differential Mode 0.5KV
Working Temperature	-10°C ~ +55°C (14°F~+131°F)	-10°C ~ +55°C (14°F~+131°F)	-10°C ~ +55°C (14°F~+131°F)	-10°C ~ +55°C (14°F~+131°F)
Dimensions (WxDxH)	130mm×85mm×26mm (5.1"×3.3"×1.0")	130mm×85mm×26mm (5.1"×3.3"×1.0")	130mm×85mm×26mm (5.1"×3.3"×1.0")	190mm ×100mm×30mm (7.5"×3.9"×1.2")

PoE Switch

PoE Switch

	Desktop PoE Switch					
Model	PFS3009-8ET1GT-96	PFS3010-8ET-96	PFS3117-16ET-135	PFS3125-24ET-190	PFS4218-16ET-190/240	PFS4226-24ET-240/360
Appearance						
Fast/Gigabit Ethernet	8 FE PoE + 1GE	8 FE PoE + 2GE	16FE PoE + 1GE (Combo)	24FE PoE + 1GE (Combo)	16FE PoE+2GE (Combo)	24FE PoE+2GE (Combo)
SFP Slots	--	--	1GE SFP(Combo)	1GE SFP(Combo)	2GE SFP(Combo)	2GE SFP(Combo)
Switching Capacity	3.6Gbps	5.6Gbps	5.2Gbps	6.8Gbps	8.8Gbps	8.8Gbps
Packet Forwarding Rate	2.68Mpps	4.17Mpps	3.87Mpps	5.06Mpps	5.36Mpps	6.55Mpps
Packet Buffer Memory	1Mb	4Mb	2.75Mb	4Mb	2.75Mb	2.75Mb
MAC Table Size	2K	16K	4K	16K	4K	4K
PoE Standard	PoE (802.3af) PoE+ (802.3at), Hi-PoE	PoE (802.3af) PoE+ (802.3at),Hi-PoE	PoE (802.3af), PoE+ (802.3at),Hi-PoE	PoE (802.3af), PoE+ (802.3at),Hi-PoE	PoE (802.3af) PoE+ (802.3at),Hi-PoE	PoE (802.3af) PoE+ (802.3at),Hi-PoE
PoE Budget	96W	96W	135w	190w	190W/240W	240W/360W
Long Distance PoE Transmission	Yes (250 meters)	Yes (250 meters)	Yes (250 meters)	Yes (250 meters)	Yes (250 meters)	Yes (250 meters)
VLAN	--	--	--	--	Supported	Supported
Link Aggregation	--	--	--	--	Supported	Supported
Flow Control	Supported	Supported	Supported	Supported	Supported	Supported
Spanning Tree	--	--	--	--	Supported	Supported
Management	--	--	--	--	Web	Web
Lightning Protection	Common Mode 4KV Differential Mode 2KV	Common Mode 2KV Differential Mode 0.5KV	Common Mode 2KV Differential Mode 0.5KV	Common Mode 2KV Differential Mode 0.5KV	Common Mode 4KV Differential Mode 2KV	Common Mode 4KV Differential Mode 2KV
Working Temperature	-10°C ~ +55°C (14°F~+131°F)	-10°C ~ +55°C (14°F~+131°F)	0°C ~ +45°C (32°F~+113°F)	0°C ~ +45°C (32°F~+113°F)	-10°C ~ +55°C (14°F~+131°F)	-10°C ~ +55°C (14°F~+131°F)
Dimensions (WxDxH)	190mm×100mm×30mm (7.5"×3.9"×1.2")	190mm×100mm×30mm (7.5"×3.9"×1.2")	340mm×200mm×43mm (13.4"×7.9"×1.7")	340mm×200mm×43mm (13.4"×7.9"×1.7")	440mm×300mm×44mm (17.3"×11.8"×1.7")	440mm x300mmx44mm (17.3"×11.8"×1.7")

PoE Switch

PoE Switch								
	Hardened PoE Switch							Flat PoE Switch
Model	PFS3103-1GT1ET-60	PFS3106-4ET-60	PFS3206-4P-96/120	PFS4206-4P-96/120	PFS3110-8ET-96	PFS3211-8GT-120	PFS3409-4GT-96	PFS3111-8ET-96-F
Appearance								
Fast/Gigabit Ethernet	1FE PoE+1GE PoE	4FE PoE+1GE	3FE PoE+1GE PoE	3FE PoE+1GE PoE	8FE PoE+1GE	8GE PoE+1GE	4GE PoE+1GE	8FE PoE+2GE
SFP Slots	1GE SFP	1GE SFP	2GE SFP	2GE SFP	1GE SFP	2GE SFP	4GE SFP	1GE SFP
Switching Capacity	6.8Gbps	6.8Gbps	6.8Gbps	6.8Gbps	7.6Gbps	33Gbps	33Gbps	13.6Gbps
Packet Forwarding Rate	3.12Mpps	3.57Mpps	4.91Mpps	4.91Mpps	4.17Mpps	16.37Mpps	13.39Mpps	5.65Mpps
Packet Buffer Memory	2Mb	1Mb	1Mb	1Mb	1Mb	1.75Mb	1.75Mb	2Mb
MAC Table Size	8K	8K	8K	8K	8K	4K	4K	8K
PoE Standard	PoE (802.3af) PoE+ (802.3at), Hi-PoE	PoE (802.3af) PoE+ (802.3at), Hi-PoE	PoE (802.3af) PoE+ (802.3at), Hi-PoE	PoE (802.3af) PoE+ (802.3at), Hi-PoE	PoE (802.3af) PoE+ (802.3at), Hi-PoE			
PoE Budget	60W	60W	96W/120W	96W/120W	96W	120W	96W	96W
Long Distance PoE Transmission	--	--	--	--	--	--	--	Port1-4 (250 meters)
VLAN	--	--	--	Supported	--	--	--	--
Link Aggregation	--	--	--	--	--	--	--	--
Flow Control	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
Spanning Tree	--	--	--	Supported	--	--	--	--
Management	--	--	--	Web	--	--	--	--
Lightning Protection	Common Mode 4KV Differential Mode 2KV	Common Mode 6KV Differential Mode 4KV	Common Mode 4KV Differential Mode 2KV	Common Mode 4KV Differential Mode 2KV	Common Mode 6KV Differential Mode 4KV	Common Mode 4KV Differential Mode 2KV	Common Mode 4KV Differential Mode 2KV	Common Mode 4KV Differential Mode 2KV
Working Temperature	-30°C ~ +65°C (-22°F~+149°F)	-30°C ~ +65°C (-22°F~+149°F)	-30°C ~ +65°C (-22°F~+149°F)	-30°C ~ +65°C (-22°F~+149°F)	-30°C ~ +65°C (-22°F~+149°F)	-30°C ~ +65°C (-22°F~+149°F)	-30°C ~ +65°C (-22°F~+149°F)	-30°C ~ +65°C (-22°F~+149°F)
Dimensions (WxDxH)	105mm×75mm×30mm (4.1"×3.0"×1.2")	150mm×100mm×30mm (5.9"×3.9"×1.2")	150mm×100mm×30mm (5.9"×3.9"×1.2")	150mm×100mm×30mm (5.9"×3.9"×1.2")	150mm×100mm×42mm (5.9"×3.9"×1.7")	150mm×110mm×42mm (5.9"×4.3"×1.7")	150mm×110mm×42mm (5.9"×4.3"×1.7")	158mm×130mm×25mm (6.2"×5.1"×1.0")

PoE Switch

PoE Switch

	Industrial PoE Switch					All-Gigabit PoE Switch
Model	PFS4204-2GT-DP	PFS4207-4GT-DP	PFS4210-8GT-DP	PFS4410-6GT-DP	PFS4420-16GT-DP	PFS4210-8GT-150
Appearance						
Fast/Gigabit Ethernet	2GE PoE	4GE PoE+1GE	8GE PoE	6GE PoE	16GE PoE	8GE PoE
SFP Slots	2GE SFP	2GE SFP	2GE SFP	4GE SFP	4GE SFP	2GE SFP
Switching Capacity	14Gbps	14Gbps	28Gbps	28Gbps	54Gbps	20Gbps
Packet Forwarding Rate	5.95Mpps	10.42Mpps	14.88Mpps	14.88Mpps	28.28Mpps	14.88Mpps
Packet Buffer Memory	1.75Mb	1.75Mb	4Mb	4Mb	4Mb	4.1Mb
MAC Table Size	4K	4K	8K	8K	8K	8K
PoE Standard	PoE (802.3af) PoE+ (802.3at), Hi-PoE	PoE (802.3af) PoE+ (802.3at), Hi-PoE	PoE (802.3af) PoE+ (802.3at), Hi-PoE	PoE (802.3af) PoE+ (802.3at), Hi-PoE	PoE (802.3af) PoE+ (802.3at), Hi-PoE	PoE (802.3af) PoE+ (802.3at)
PoE Budget	≤120W	≤120W	≤120W	≤120W	≤240W	150W
Long Distance PoE Transmission	--	--	--	--	--	--
VLAN	Supported	Supported	Supported	Supported	Supported	Supported
Link Aggregation	Supported	Supported	Supported	Supported	Supported	Supported
Flow Control	Supported	Supported	Supported	Supported	Supported	Supported
Spanning Tree	Supported	Supported	Supported	Supported	Supported	Supported
Management	Web	Web	Web	Web	Web	Web
Lightning Protection	Common Mode 6KV Differential Mode 4KV	Common Mode 6KV Differential Mode 4KV	Common Mode 6KV Differential Mode 4KV	Common Mode 6KV Differential Mode 4KV	Common Mode 6KV Differential Mode 4KV	Common Mode 2KV Differential Mode 1KV
Working Temperature	-40°C ~ +75°C (-40°F~+167°F)	-40°C ~ +75°C (-40°F~+167°F)	-40°C ~ +75°C (-40°F~+167°F)	-40°C ~ +75°C (-40°F~+167°F)	-40°C ~ +75°C (-40°F~+167°F)	0°C ~ +45°C (32°F~+113°F)
Dimensions (WxDxH)	103mm×135mm×53mm (4.1"×5.3"×2.1")	103mm×135mm×53mm (4.1"×5.3"×2.1")	175mm×134mm×53mm (6.9"×5.3"×2.1")	175mm×134mm×53mm (6.9"×5.3"×2.1")	175mm×134mm×75mm (6.9"×5.3"×3")	340mm ×200mm ×44mm (13.4"×7.9"×1.7")

PoE Switch

PoE Switch							
	All-Gigabit PoE Switch				ePoE Switch		
Model	PFS4218-16GT-190/240	PFS4226-24GT-240/360	PFS4420-16GT-240	PFS4428-24GT-370	LR2110-8ET-120	LR2218-16ET-240	LR2226-24ET-360
Appearance							
Fast/Gigabit Ethernet	16GE PoE	24GE PoE	16GE PoE	24GE PoE	8FE ePoE+1GE	8FE ePoE+8FE PoE+2GE (Combo)	8FE ePoE+16FE PoE+2GE (Combo)
SFP Slots	2GE SFP	2GE SFP	4GE SFP	4GE SFP	1GE SFP	2GE SFP (Combo)	2GE SFP (Combo)
Switching Capacity	52Gbps	52Gbps	40Gbps	56Gbps	8.8Gbps	8.8Gbps	8.8Gbps
Packet Forwarding Rate	23.81Mpps	38.688Mpps	29.76Mpps	41.66Mpps	4.17Mpps	5.36Mpps	6.55Mpps
Packet Buffer Memory	4Mb	4Mb	4.1Mb	4.1Mb	2.75Mb	2.75Mb	2.75Mb
MAC Table Size	8K	8K	8K	8K	4K	4K	4K
PoE Standard	PoE (802.3af) PoE+ (802.3at), Hi-PoE	PoE (802.3af) PoE+ (802.3at), Hi-PoE	PoE (802.3af) PoE+ (802.3at)	PoE (802.3af) PoE+ (802.3at)	PoE (802.3af) PoE+ (802.4at), Hi-PoE	PoE (802.3af) PoE+ (802.5at), Hi-PoE	PoE (802.3af) PoE+ (802.6at), Hi-PoE
PoE Budget	190W/240W	240W/360W	240W	370W	120W	240W	360W
Long Distance PoE Transmission	--	--	--	--	Yes (800 meters)	Yes (800 meters)	Yes (800 meters)
VLAN	Supported	Supported	Supported	Supported	--	Supported	Supported
Link Aggregation	Supported	Supported	Supported	Supported	--	Supported	Supported
Flow Control	Supported	Supported	Supported	Supported	Supported	Supported	Supported
Spanning Tree	Supported	Supported	Supported	Supported	--	Supported	Supported
Management	Web	Web	Web	Web	--	Web	Web
Lightning Protection	Common Mode 2KV Differential Mode 1KV	Common Mode 2KV Differential Mode 1KV	Common Mode 2KV	Common Mode 2KV	Common Mode 4KV Differential Mode 2KV	Common Mode 4KV Differential Mode 2KV	Common Mode 4KV Differential Mode 2KV
Working Temperature	-10°C~+55°C (14°F~+131°F)	-10°C~+55°C (14°F~+131°F)	0°C ~ +45°C (32°F~+113°F)	0°C ~ +45°C (32°F~+113°F)	-30°C~+65°C (-22°F~+149°F)	-10°C ~ +55°C (14°F~+131°F)	-10°C ~ +55°C (14°F~+131°F)
Dimensions (WxDxH)	440mmx300mmx44mm (17.3"x11.8"x1.7")	440mmx300mmx44mm (17.3"x11.8"x1.7")	440mm x330mm x44mm (17.3"x13.0"x1.7")	440mm x330mm x44mm (17.3"x13.0"x1.7")	150mmx100mmx42mm (5.9"x3.9"x1.7")	440mmx300mmx44mm (17.3"x11.8"x1.7")	440mmx300mmx44mm (17.3"x11.8"x1.7")

Access Switch

Access Switch

- IP CCTV access switch
- Non-blocking video transmission
- Wide temperature range
- High level lightning protection



Access Switch

Plastic Switch

Model	PFS3005-5ET-L	PFS3005-5GT-L	PFS3008-8ET-L	PFS3008-8GT-L
Appearance				
Fast/Gigabit Ethernet	5FE	5GE	8FE	8GE
SFP Slots	--	--	--	--
Switching Capacity	1Gbps	1Gbps	1.6Gbps	16Gbps
Packet Forwarding Rate	0.744Mpps	7.44Mpps	1.19Mpps	11.9Mpps
Packet Buffer Memory	448Kb	1.5Mb	448Kb	1.5Mb
MAC Table Size	1K	2K	1K	2K
PoE Standard	--	--	--	--
PoE Budget	--	--	--	--
Long Distance PoE Transmission	--	--	--	--
VLAN	--	--	--	--
Link Aggregation	--	--	--	--
Flow Control	--	--	--	--
Spanning Tree	--	--	--	--
Management	--	--	--	--
Lightning Protection	Common Mode 2KV	Common Mode 2KV	Common Mode 2KV	Common Mode 2KV
Working Temperature	-10°C~+55°C (14°F~+131°F)	-10°C~+55°C (14°F~+131°F)	-10°C~+55°C (14°F~+131°F)	-10°C~+55°C (14°F~+131°F)
Dimensions (WxDxH)	77mm x46mm x21mm (3.03"x1.81"x0.83")	125mm x65mm x22mm (4.92"x2.56"x0.87")	125mm x65mm x22mm (4.92"x2.56"x0.87")	125mm x65mm x22mm (4.92"x2.56"x0.87")

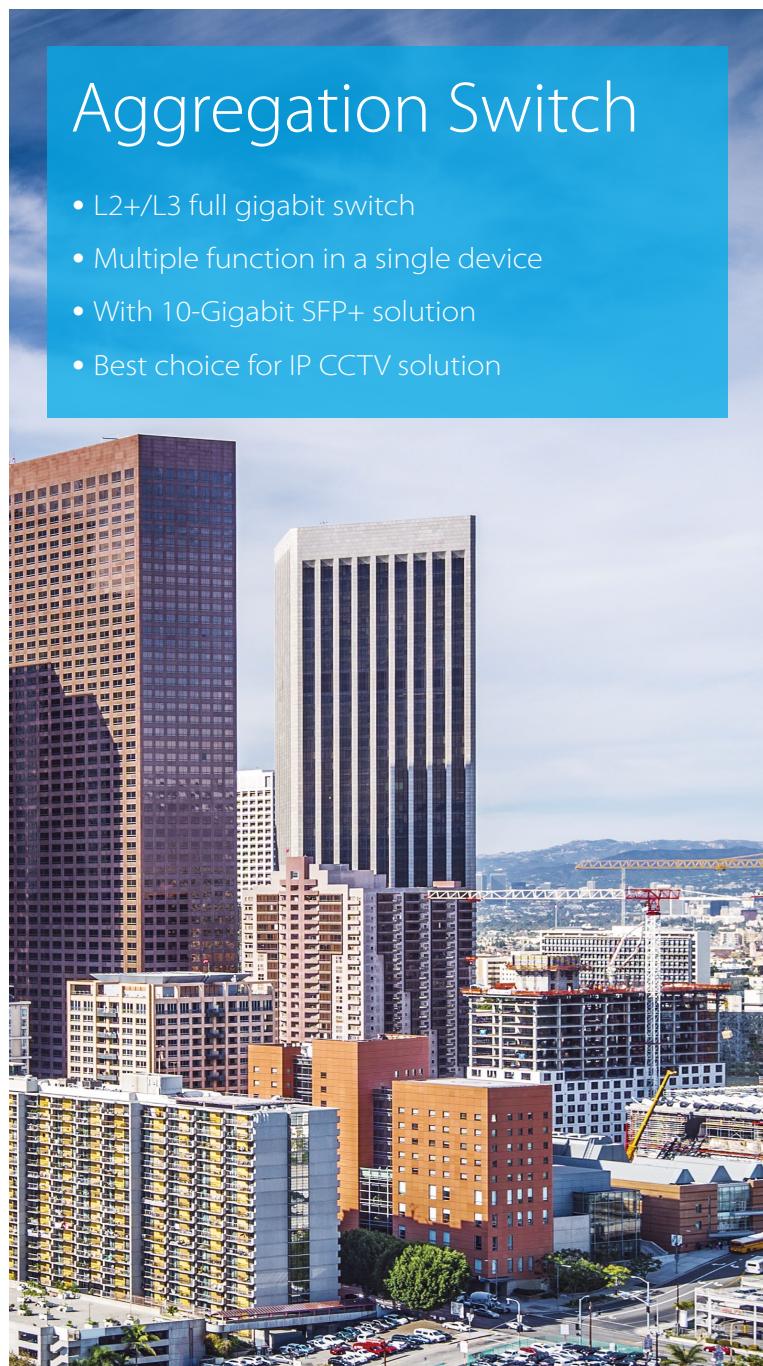
Access Switch

Access Switch				
	Metal Switch			
Model	PFS3106-4T	PFS3110-8T	PFS3409-4GT	PFS3211-8GT
Appearance				
Fast/Gigabit Ethernet	4FE+1GE	8FE+1GE	5GE	9GE
SFP Slots	1GE SFP	1GE SFP	4GE SFP	2GE SFP
Switching Capacity	6.8G	13.6G	33Gbps	33Gbps
Packet Forwarding Rate	3.57Mpps	4.17Mpps	16.37Mpps	16.37Mpps
Packet Buffer Memory	1Mb	2Mb	1.75Mb	1.75Mb
MAC Table Size	8K	8K	4K	4K
PoE Standard	--	--	--	--
PoE Budget	--	--	--	--
Long Distance PoE Transmission	--	--	--	--
VLAN	--	--	--	--
Link Aggregation	--	--	--	--
Flow Control	Supported	Supported	Supported	Supported
Spanning Tree	--	--	--	--
Management	--	--	--	--
Lightning Protection	Common Mode 4KV Differential Mode 2KV	Common Mode 4KV Differential Mode 2KV	Common Mode 4KV Differential Mode 2KV	Common Mode 4KV Differential Mode 2KV
Working Temperature	-40°C ~ +70°C (-40 °F ~ +158°F)	-40°C ~ +70°C (-40 °F ~ +158°F)	-30°C ~ +65°C (-22 °F~+149°F)	-30°C ~ +65°C (-22 °F~+149°F)
Dimensions (WxDxH)	150mm×100mm×30mm (5.9"×3.9"×1.2")	150mm×100mm×42mm (5.9"×3.9"×1.7")	150mm x110mmx42mm (5.9"x4.3"x1.7")	150mm x110mmx42mm (5.9"x4.3"x1.7")

Access Switch

Access Switch				
	Metal Switch			
Model	PFS3005-5GT	PFS3008-8GT	PFS3016-16GT	PFS3024-24GT
Appearance				
Fast/Gigabit Ethernet	5GE	8GE	16GE	24GE
SFP Slots	--	--	--	--
Switching Capacity	10Gbps	16Gbps	32Gbps	48Gbps
Packet Forwarding Rate	7.44Mpps	11.9Mpps	23.8Mpps	35.7Mpps
Packet Buffer Memory	1Mb	1.5Mb	2Mb	2Mb
MAC Table Size	2K	4K	8K	8K
PoE Standard	--	--	--	--
PoE Budget	--	--	--	--
Long Distance PoE Transmission	--	--	--	--
VLAN	--	--	--	--
Link Aggregation	--	--	--	--
Flow Control	--	--	--	--
Spanning Tree	--	--	--	--
Management	--	--	--	--
Lightning Protection	Common Mode 4KV Differential Mode 0.5KV	Common Mode 4KV Differential Mode 0.5KV	Common Mode 6KV Differential Mode 0.5KV	Common Mode 6KV Differential Mode 0.5KV
Working Temperature	0°C ~ +40°C (32°F~+104°F)	0°C ~ +40°C (32°F~+104°F)	0°C ~ +40°C (32°F~+104°F)	0°C ~ +40°C (32°F~+104°F)
Dimensions (WxDxH)	100mm×64mm×25mm (3.9"×2.5"×1.0")	186mm×106mm×33mm (7.3"×4.2"×1.3")	294mm×178mm×44mm (11.6"×7.0"×1.7")	294mm x178mm x44mm (11.6"x7.0"x1.7")

Aggregation Switch



Aggregation Switch

- L2+/L3 full gigabit switch
- Multiple function in a single device
- With 10-Gigabit SFP+ solution
- Best choice for IP CCTV solution

Aggregation Switch		
	L2+ Switch	
Model	PFS5424-24T	PFS5428-24GT
Appearance		
Fast/Gigabit Ethernet	20GE+4GE (Combo)	24GE
SFP Slots	4GE SFP (Combo)	4×10G SFP+
Switching Capacity	350Gbps	128Gbps
Packet Forwarding Rate	36Mpps	96Mpps
VLAN	Supported	Supported
Link Aggregation	Supported	Supported
Port Management	Flow Control, Speed Limit, Port Mirroring	Flow Control, Speed Limit, Port Mirroring
Ring Network Protocol	STP, RSTP, ERPS	STP, RSTP, ERPS
IGMP Snooping	Supported	Supported
Static IP Routing	Supported	Supported
Dynamic Routing	--	--
VRPP	--	--
Management	Web, CLI, SNMP	Web, CLI, SNMP
Working Temperature	-10°C ~ +55°C (14°F ~ +131°F)	-20°C ~ +55°C (-4°F ~ +131°F)
Dimensions (WxDxH)	440mm×285mm×44.5mm (17.3"×11.2"×1.7")	440mm×300mm×44mm (17.3"×11.8"×1.7")

Aggregation Switch

Aggregation Switch

	L2+ Switch				
Model	PFS5936-24GF8GT4XF	PFS5924-24X	S5500-24GF4XF	S5500-48GT4GF-AC	S5500-48GT4XF
Appearance					
Fast/Gigabit Ethernet	8GE	8GE (Combo)	8GE (Combo)	48GE	48GE
SFP Slots	24GE SFP+4×10G SFP+	16GE SFP+8GE SFP (Combo)	16GE SFP+8GE SFP (Combo)+4×10G SFP+	4GE SFP	4x10G SFP+
Switching Capacity	221Gbps	350Gbps	256Gbps	256Gbps	256Gbps
Packet Forwarding Rate	107Mpps	36Mpps	96Mpps	78Mpps	132Mpps
VLAN	Supported	Supported	Supported	Supported	Supported
Link Aggregation	Supported	Supported	Supported	Supported	Supported
Port Management	Flow Control, Speed Limit, Port Mirroring	Flow Control, Speed Limit, Port Mirroring	Flow Control, Speed Limit, Port Mirroring	Port Mirroring	Port Mirroring
Ring Network Protocol	STP, RSTP, MSTP, PVST	STP, RSTP, ERPS	STP, RSTP, MSTP	STP, RSTP, MSTP	STP, RSTP, MSTP
IGMP Snooping	Supported	Supported	Supported	Supported	Supported
Static IP Routing	Supported	Supported	Supported	Supported	Supported
Dynamic Routing	--	--	--	--	--
VRPP	--	--	--	--	--
Management	Web, CLI, SNMP	Web, CLI, SNMP	CLI, SNMP	CLI, SNMP	CLI, SNMP
Working Temperature	-20°C ~ +55°C (-4°F ~ +131°F)	-10°C ~ +55°C (14°F ~ +131°F)	0°C ~ +45°C (32°F ~ +113°F)	0°C ~ +45°C (32°F ~ +113°F)	0°C ~ +45°C (32°F ~ +113°F)
Dimensions (WxDxH)	440mm x285mm x44.5mm (17.3" x11.2" x1.7")	440mm x285mm x44.5mm (17.3" x11.2" x1.7")	440mm x360mm x43.6mm (17.3" x14.2" x1.7")	440mm x238mm x44mm (17.3" x9.4" x1.7")	440mm x238mm x44mm (17.3" x9.4" x1.7")

Core Switch



Core Switch

- Carrier-Grade Availability Design
- High-Performance IPv4/IPv6 Service Capabilities
- Three-Plane Security Assurance Mechanisms IRF2

Core Switch		
Model	S7602	S7606
Appearance		
Switching Capacity	5.12 Tbps or 12.8 Tbps	15.36Tbps/25.6Tbps
Packet Forwarding Rate	960 Mpps/2400 Mpps	2880 Mpps/12000 Mpps
Number of Service Slots	2	6
Redundancy Design	Redundancy of power sources and main control boards	Redundancy of power sources and main control boards
Layer 2 Features	VLAN/STP/RSTP/MSTP/CoS/Flow Control/Link Aggregation/etc.	VLAN/STP/RSTP/MSTP/CoS/Flow Control/Link Aggregation/etc.
IPv4 Routing	Supported	Supported
IPv6 Routing	Supported	Supported
Multicast	Supported	Supported
ACL	Supported	Supported
QoS	Supported	Supported
Security Mechanism	FTP/TFTP/SNMP/RMON	FTP/TFTP/SNMP/RMON
Reliability	CPU Protection/VRRP/RPR/DLCP	CPU Protection/VRRP/RPR/DLCP
Working Temperature	0°C ~ +45°C (32°F~+113°F)	0°C ~ +45°C (32°F~+113°F)
Dimensions (WxDxH)	436mm×420mm×175mm (17.2"×16.5"×6.9")	436mm×420mm×575mm (17.2"×16.5"×22.6")

Platform

Platform

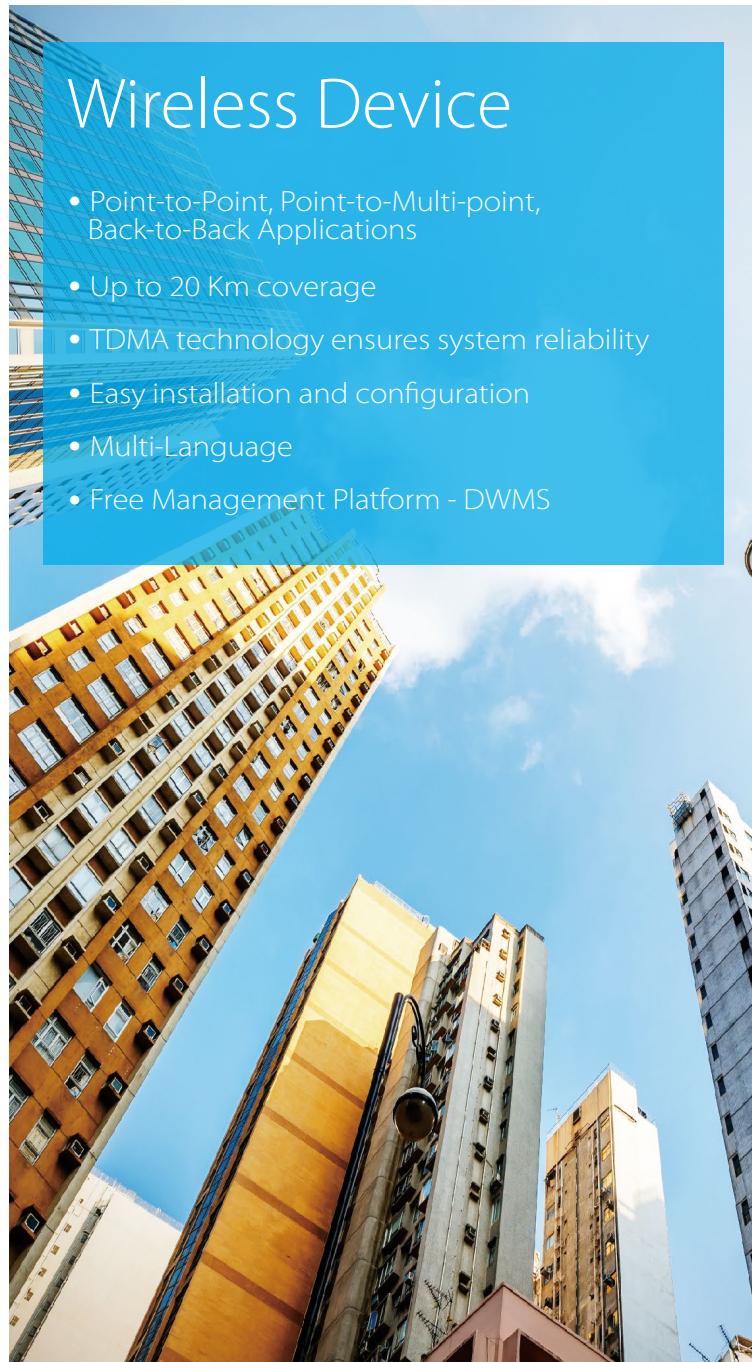
- Real-time analysis of network conditions
- Intelligent display of network topology
- Integrated management of network devices
- Real-time report of network alarms



iLinksView Network Management Platform

Model	ILS1000
Appearance	
Interface	2GE + 4USB + 1 HDMI + 1 VGA
Intelligent Analytics	Switch Statistics Port Bandwidth Occupancy Alarm Statistics Switch Run Time
Dynamic View	Device visualization Link visualization Bandwidth visualization Real-time alarm Auto-generated topology
Network Management	Display the detailed information of switches, such as name, mode, SN, IP, MAC and status.
Alarm Message	Support IP conflict alarm, switch status alarm, terminal status alarm, loopback alarm, port congestion alarm
Lightning Protection	Common Mode 8KV Differential Mode 6KV
Working Temperature	-10°C ~ +55°C (14°F~+131°F)
Dimension	155mm×135mm×30 mm (6.10"×5.31"×1.18")

Wireless Device



Wireless Device

- Point-to-Point, Point-to-Multi-point, Back-to-Back Applications
- Up to 20 Km coverage
- TDMA technology ensures system reliability
- Easy installation and configuration
- Multi-Language
- Free Management Platform - DWMS

V-Radio Wireless Bridge Series

Model	CPE			
	PFWB5-30n	PFWB5-10n	PFWB5-30ac	PFWB5-10ac
Appearance				
Fast/Gigabit Ethernet	1FE	1FE	1GE	1GE
Wireless Standard	802.11 a/n	802.11 a/n	802.11 a/n/ac	802.11 a/n/ac
Working Frequency	5.150- 5.850 GHz (FCC 5.150- 5.250 and 5.725- 5.850 GHz)	5.150- 5.850 GHz (FCC 5.150- 5.250 and 5.725- 5.850 GHz)	5.150- 5.850 GHz (FCC 5.150- 5.250 and 5.725- 5.850 GHz)	5.150- 5.850 GHz (FCC 5.150- 5.250 and 5.725- 5.850 GHz)
Wireless Speed	300Mbps	300Mbps	867Mbps	867Mbps
Transmission Distance	3km (recommended) 5km (max)	5km (recommended) 7km (max)	3km (recommended) 5km (max)	5km (recommended) 7km (max)
Antenna Gain	15dBi	20dBi	15dBi	20dBi
Polarization	Dual Linear: Horizontal 30°, vertical 30°	Dual Linear: Horizontal 10°, vertical 10°	Dual Linear: Horizontal 30°, vertical 30°	Dual Linear: Horizontal 10°, vertical 10°
Tx Power Max	29dBm	29dBm	30dBm	30dBm
Proprietary Protocol	TDMA	TDMA	TDMA	TDMA
Network Security	WPA/WPA2 Personal WPA/WPA2 Enterprise WACL, User Isolation			
Management	Web/DWMS Platform	Web/DWMS Platform	Web/DWMS Platform	Web/DWMS Platform
Lightning Protection	Common Mode 3KV Differential Mode 1KV			
Ingress Protection	IP66	IP66	IP66	IP66
Working Temperature	-30°C ~ + 70°C (-22°F~+158°F)			
Dimension	128mm×97mm×40mm (5.0"x3.8"x1.6")	185mm×185mm×81mm (7.3"x7.3"x3.2")	128mm×97mm×40mm (5.0"x3.8"x1.6")	185mm×185mm×81mm (7.3"x7.3"x3.2")
Power	12- 24V DC Passive PoE			

Wireless Device

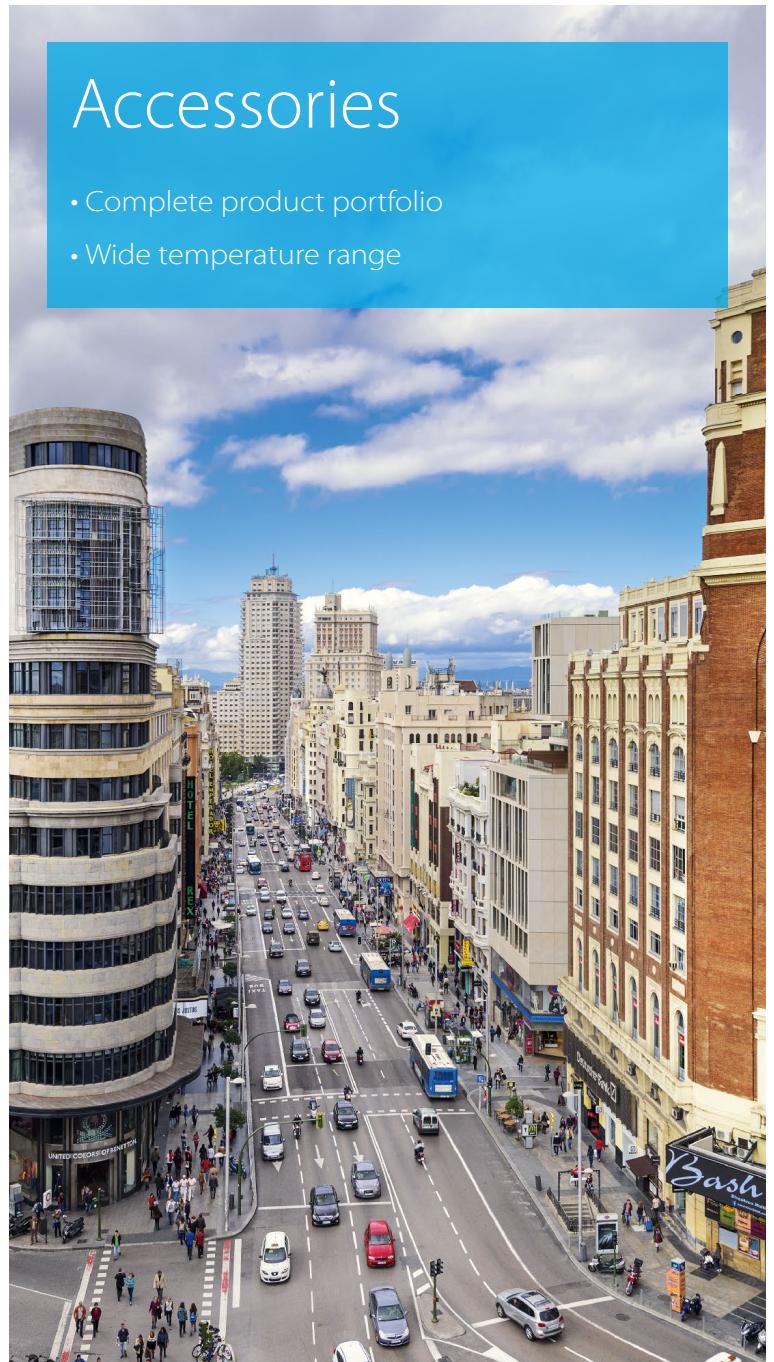
V-Radio Wireless Bridge Series

	Base Station	
Model	PFWB5-90n	PFWB5-90ac
Appearance		
Fast/Gigabit Ethernet	1FE	1GE
Wireless Standard	802.11 a/n	802.11 a/n/ac
Working Frequency	5.150- 5.850 GHz (FCC 5.150- 5.250 and 5.725- 5.850 GHz)	5.150- 5.850 GHz (FCC 5.150- 5.250 and 5.725- 5.850 GHz)
Wireless Speed	300Mbps	867Mbps
Transmission Distance	5km (recommended) 7km (max)	5km (recommended) 7km (max)
Antenna Gain	18dBi	18dBi
Polarization	Dual Linear: Horizontal 90°, vertical 90°	Dual Linear: Horizontal 90°, vertical 90°
Tx Power Max	29dBm	30dBm
Proprietary Protocol	TDMA	TDMA
Network Security	WPA/WPA2 Personal WPA/WPA2 Enterprise WACL, User Isolation	WPA/WPA2 Personal WPA/WPA2 Enterprise WACL, User Isolation
Management	Web/DWMS Platform	Web/DWMS Platform
Lightning Protection	Common Mode 3KV Differential Mode 1KV	Common Mode 3KV Differential Mode 1KV
Ingress Protection	IP66	IP66
Working Temperature	-30°C ~ + 70°C (-22°F~+158°F)	-30°C ~ + 70°C (-22°F~+158°F)
Dimension	383mm×100mm×98mm (15.1"×3.9"×3.9")	383mm×100mm×98mm (15.1"×3.9"×3.9")
Power	12- 24V DC Passive PoE	12- 24V DC Passive PoE

Outdoor Wireless Transmission Device

	4G Router
Model	WM4700-O
Appearance	
LAN Port	4FE
WAN Port	1FE
Wi-Fi	802.11b/g: Up to 54 Mbps 802.11n: Up to 150 Mbps
Network Mode	Southeast Asia version: B1/B3/B5/B8/B38/B39/B40/B41 Oceania and North American version: B1/B2/B3/B4/B5/B7/B8/B28/B40 European version: B1/B3/B5/B7/B8/B20/B38/B40/B41
Antenna	Cellular: 2 standard SMA female ports with impedance of 50Ω Wi-Fi: 1 standard SMA male port with impedance of 50Ω
WAN Connection Modes	Static IP, DHCP, PPPOE and 4G
SIM/UIM Card Port	1.8V/3V SIM/UIM card
Encryption	WEP, WPA and WPA2
Working Temperature	-35°C ~ + 75°C (-31°F~+167°F)
Dimension	207mm×135mm×28mm (8.15"×5.31"×1.10")
Power	DC 12V/1.5A

Accessories



Accessories

- Complete product portfolio
- Wide temperature range

Accessories			
	PoE Midspan		PoE Extender
Model	TAM1GT1GT-30	TAM01GT01GT-75	PFT1300
Appearance			
Fast/Gigabit Ethernet	2GE	2GE	3FE
SFP Slots	--	--	--
Switching Capacity	--	--	1.4Gbps
Packet Forwarding Rate	--	--	0.47Mpps
Packet Buffer Memory	--	--	512Mb
MAC Table Size	--	--	1K
PoE Standard	PoE(802.3af) PoE+(802.3at)	PoE (802.3af) PoE+ (802.3at), Hi-PoE	PoE (802.3af) PoE+ (802.3at)
PoE Budget	30W	75W	--
Lightning Protection	Common Mode 4KV Differential Mode 2KV	--	Common Mode 4KV Differential Mode 2KV
Working Temperature	-10°C~55°C (14°F~+131°F)	-30°C~+65°C (-22°F~+149°F)	-30°C ~ +60°C (-22°F~+140°F)
Dimensions (WxDxH)	132.3mm×60mm×33mm (5.2"×2.4"×1.3")	210 x75 x38.5mm (8.3"x2.9"x1.5")	79mm×52mm×23mm (3.1"×2.0"×0.9")

Accessories

Accessories		
Ethernet over Coax		
Model	LR1002	LR1002-1ET/LR1002-1EC
Appearance		
Interface	1FE+1*BNC	1FE+1*BNC
Transmission Bandwidth	RG59 coaxial cable: 400m/100 Mbps, 1000m/10 Mbps	RG59 coaxial cable: 400m/100Mbps, 1000m/10 Mbps
PoE Standard	(Based on the power input from the ePoE switch)	PoE (802.3af) PoE+ (802.3at)
Lightning Protection	Common Mode 6KV Differential Mode 2KV	Common Mode 4KV Differential Mode 2KV
Working Temperature	-40°C ~ +65°C (-40°F~+149°F)	-30°C ~ +65°C (-22°F~+149°F)
Dimensions (WxDxH)	56mm×27mm×21mm (2.2"x1.1"x0.8")	79mm×52mm×23mm (3.1"x2.0"x0.9")

Accessories			
DIN Rail Power Supply			
Model	EDP-75-48	DRL-48V120W1AA	EDP-240-48
Appearance			
Output Power	75W	120W	240W
Input Voltage Range	90-264Vac	85-264Vac	90-264Vac
Input Frequency Range	47-63Hz	47-63Hz	47-63Hz
Output Voltage Range	48~55Vdc	44-56Vdc	48~53Vdc
Dimensions (WxDxH)	126mmx34.5mm x101.5mm (4.96"x1.36"x4.00")	123.6mmx40mm x117.6mm (4.86"x1.57"x4.62")	124mmx62mm x119mm (4.88"x2.44"x4.69")

Accessories

SFP Module						
Model	PFT3960	PFT3970	PFT3950	PFTOTSFP-1270R-20-SMF	PFTOTSFP-1270T-20-SMF	PFTOTSFP-850-MMF
Appearance						
Data Rate	1.25Gbps	1.25Gbps	1.25Gbps	10Gbps	10Gbps	10Gbps
Interface	LC	LC	LC	LC	LC	LC
Transmission Distance	20km	20km	500m	20km	20km	300m
Transmission Medium	Single-mode	Single-mode	Multi-mode	Single-mode	Single-mode	Multi-mode
Wavelength	1310nm/1550nm	1550/1310nmnm	850nm	1330nm/1270nm	1270nm/1330nm	850nm
Sensitivity	≤-23dBm	≤-23dBm	≤-23dBm	-14.5dBm	-14.5dBm	-11dBm
Operating Voltage	3.3V	3.3V	3.3V	3.3V	3.3V	3.3V
Output Power	-9~-2dBm	-9~-2dBm	-9.5~-3dBm	-3~2dBm	-3~2dBm	-6.5~0.5dBm
Working Temperature	-40°C ~ +85°C (-40°F~+185°F)	-40°C ~ +85°C (-40°F~+185°F)	-40°C ~ +85°C (-40°F~+185°F)	-40°C ~ +85°C (-40°F~+185°F)	-40°C ~ +85°C (-40°F~+185°F)	-40°C ~ +85°C (-40°F~+185°F)
Dimensions (WxDxH)	13.7mm×56.5mm ×8.95mm (0.5"×2.2"×0.4")	13.7mm×56.5mm ×8.95mm (0.5"×2.2"×0.4")	13.7mm×56.5mm ×8.95mm (0.5"×2.2"×0.4")	13.8mm×56.5mm ×8.45mm (0.5"×2.2"×0.3")	13.8mm×56.5mm ×8.45mm (0.5"×2.2"×0.3")	13.8mm×56.5mm ×8.45mm (0.5"×2.2"×0.3")



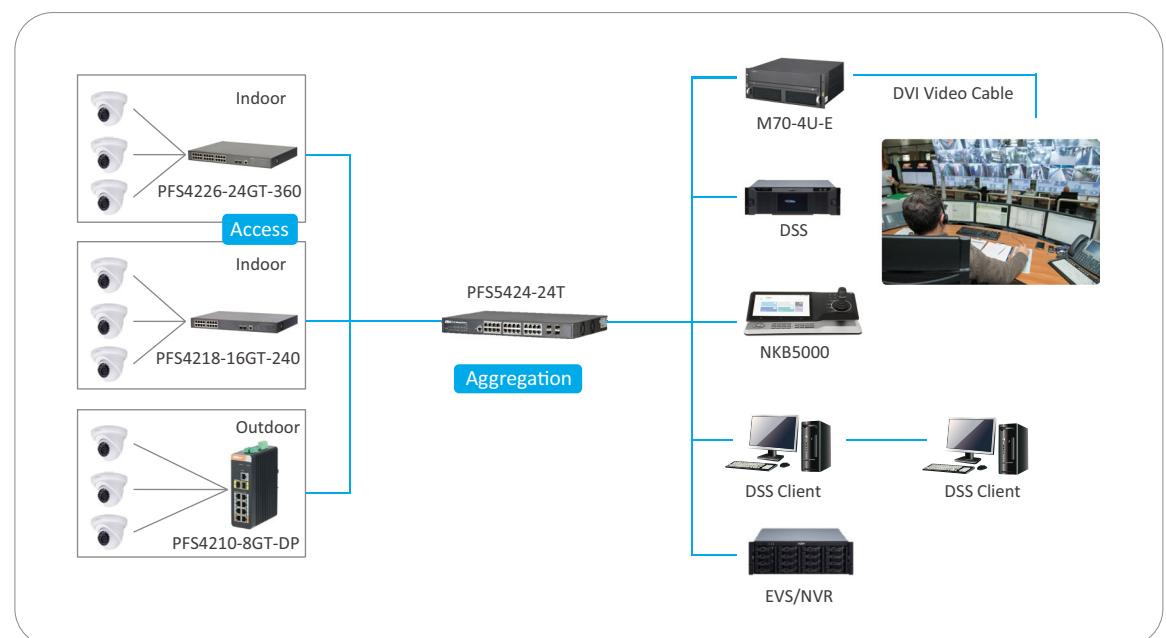
IP CCTV Solution

Open, standard and scalable are the three major characteristics of an IP CCTV system. Transmission product is applied as an important bridge that perfectly connects IP cameras and NVRs in applications such as shopping mall, supermarket, etc. In addition to its wide range of transmission products, Dahua also offers perfect network scalability and reliable product quality in different applications.

Solution Features

- Open, standard and scalable
- Unified management
- PoE power supply
- Industrial-grade switch

Topology





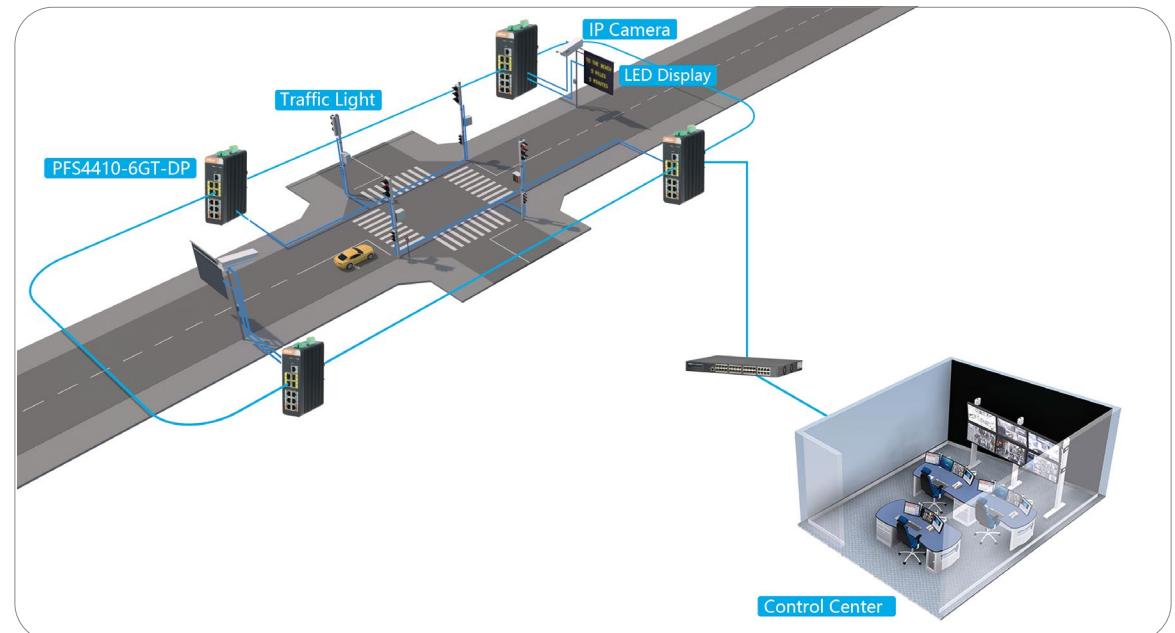
Intelligent Transportation System

Traffic congestion and road safety are few of the challenges faced by modern transportation. To address this, the ITS (Intelligent Transportation System) was designed to achieve safer and more efficient transportation by monitoring and transmitting real-time road condition, enabling users to act accordingly in case of an unexpected incident. In addition, the Dahua industrial switch, with its powerful hardware and software features, can be applied in harsh outdoor environment, making it an ideal choice for ITS solution.

Solution Features

- Real- time traffic monitoring
- Industrial design for outdoor use in harsh environments
- High ESD and surge protection

Topology





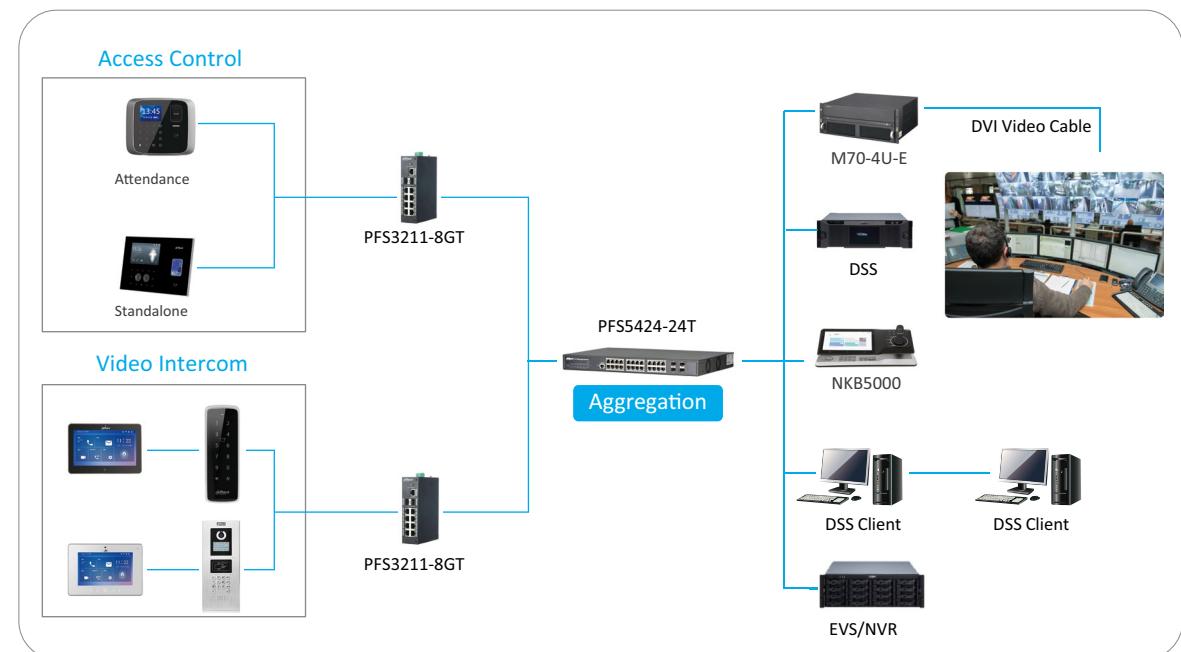
Intelligent Building Transmission Solution

With the development of technology, video intercom has been widely used in intelligent buildings. The Dahua Video Intercom Systems provide video and voice communications between two or more locations for an enhanced security. With industry-grade design, the Dahua transmission products offer high product reliability and cost-effective performance.

Solution Features

- Tailored transmission system for video intercom
- Open, standard and scalable
- Unified management
- Industrial-grade switch
- Long distance transmission

Topology





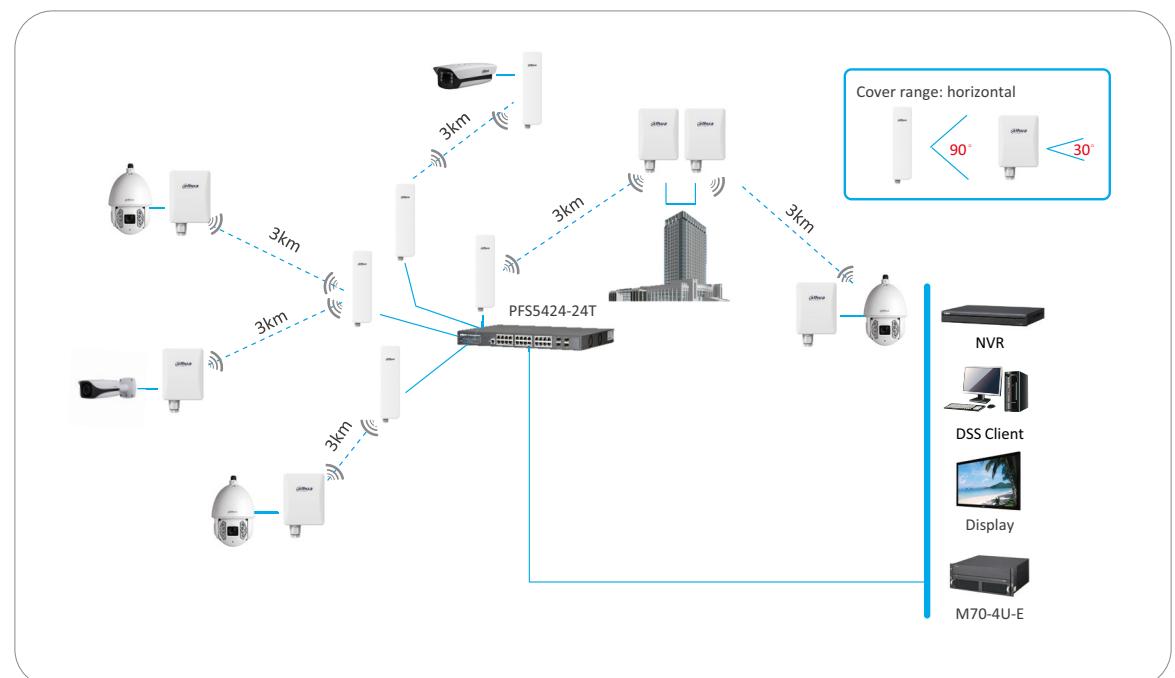
5G Wireless Transmission Solution

Access technology varies depending on different applications. Wireless technology is widely used in scenarios such as farms, construction sites, remote areas, etc., in order to enhance the existing cable infrastructure. The Dahua 5G wireless solution offers wide coverage, multiple topology application and easy installation to meet the different needs of customers with cost-effective performance.

Solution Features

- Point-to-point, point-to-multi-point, back-to-back applications
- Up to 20 Km coverage
- TDMA technology ensures system reliability
- Easy installation and configuration
- Dual Firmware Design
- Multi-Language
- Free Management Platform- DWMS

Topology



ENABLING A SAFER SOCIETY AND SMARTER LIVING

Dahua USA
Tel: +1 (949) 679-7777
Email: sales.usa@dahuatech.com
support.usa@dahuatech.com

Dahua Mexico
Tel: +52 55 67231936
Email: sales.mx@dahuatech.com
support.mx@dahuatech.com

Dahua Colombia
Tel: +571 7446110
Email: sales.co@dahuatech.com
support.co@dahuatech.com

Dahua Brazil
Tel: +55 11 32511871
Vendas: comercial.br@dahuatech.com
Suporte Técnico: suporte.br@dahuatech.com

Dahua Perú
Tel: +511 500-8555
Email: sales.pe@dahuatech.com
support.pe@dahuatech.com

Dahua Chile
Tel: +56 232705421
Email: sales.cl@dahuatech.com
support.chile@dahuatech.com

Dahua Argentina
Email: project.ar@dahuatech.com

Dahua Panama
Email: sales.pa@dahuatech.com
Support: support.pa@dahuatech.com

Dahua Thailand
Tel: +66 2541 5188
Email: info.th@dahuatech.com
hr.th@dahuatech.com

Dahua Singapore
Tel: +65 65380952
Email: sales.sg@dahuatech.com

Dahua Turkey
Email: sales.tr@dahuatech.com
support.tr@dahuatech.com

Dahua Malaysia
Tel: +60376620731
Email: sales.my@dahuatech.com

Dahua Indonesia
Tel: +62 811 867 7728
Email: sales.indo@dahuatech.com

Dahua S.Korea
Tel: +82 7081618889
Email: sales.kr@dahuatech.com
support.kr@dahuatech.com

Dahua India
Tel: +91 1244569100
Email: sales.india@dahuatech.com

Dahua Russia
Tel: 8 (499) 682-60-00
Email: info@dahuatech.com

Dahua Kazakhstan
Tel: +7 727 3110838
Email: sales.kz@dahuatech.com

Dahua VISION LLC
Tel: +998 (78) 1488666
E-mail: dh_uzbekistan@dahuatech.com

Dahua UK
Tel: +44(0)1628 613 500
Email: sales.uk@dahuatech.com

Dahua the Netherlands
Tel: +31 (0) 79 799 96 96
Email: sales.benelux@dahuatech.com

Dahua Iberia
Tel: +34 917649862
Email: sales.iberia@dahuatech.com

Dahua Italy
Tel: +39 362182681
Email: sales.italy@dahuatech.com

Dahua Germany
Tel: +49 211 20544121
Email: sales.de@dahuatech.com

Dahua France
+33 1 48 53 70 53
Email: sales.france@dahuatech.com

Dahua CEE & Nordic
Tel: +48 223957400
Email: dh.cen@dahuatech.com

Dahua Poland
Tel: +48 223957400
Email: biuro.pl@dahuatech.com

Dahua SRB
+38 1 (11) 4429999
Email: dh.srb@dahuatech.com

Dahua Denmark
Email: Nordic.ne@dahuatech.com

Dahua Hungary
Tel: +36 17899852
Email: sales.hu@dahuatech.com

Dahua Bulgaria
Tel: +35929950013
Email: support.bg@dahuatech.com

Dahua SRL
Email: marketing.ro@dahuatech.com

Dahua Czech
Tel: +420 225 986 001
Email: admin.cz@dahuatech.com

Dahua S. Africa
Email: sales.za@dahuatech.com

Dahua Australia
Tel: +61 299285200
Email: sales.oc@dahuatech.com

Dahua Middle East
Tel: +971 48815300
Email: sales.me@dahuatech.com
info.me@dahuatech.com

* Design and specifications are subject to change without notice.

DAHUA TECHNOLOGY

No.1199 Bin'an Road, Binjiang District, Hangzhou, China. 310053
Tel: +86-571-87688883 Fax: +86-571-87688815
Email: overseas@dahuatech.com
www.dahuasecurity.com



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