

Ethernet Switch

PART 1

> Ethernet Switch



 Data Center Switch

 Core Switch

 Aggregation Switch

 XC Aggregation Switch

 Industrial Switch



CS16900E SERIES CORE-LAYER DATA CENTER SWITCH

DCN CS16909E is core chassis switch designed to meet the requirement of mission-critical network with high performance, exceptional availability and outstanding scalability. The CS16909E serves campus and data center networking requirements, supports flexible network policy deployment, and builds business defined tailored network for users.

CS16909E Data center chassis switch



chassis switch	CLOS architecture, mgmt & control & forwarding three-plance separation front & rear ventilation, 14U						
mgmt module slots	2	switching fabric slots	4	business module slots	9	PSU slots	8
available components	<ul style="list-style-type: none">① - M16K-PAC-B PSU (AC, 1600W)② - M16K-SUP mgmt module③ - M16K-FC switching fabric④ - M16K-16Q business module (16*40G QSFP)⑤ - M16K-48XS2Q business module (48*10G SFP+, 2*40G QSFP)⑥ - M16K-24T24S2XS business module(24*1G, 24*SFP, 2*10G SFP+)						
features	L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel, MPLS VPN, data center features						



CS6580 SERIES 25G&100G DATA CENTER SWITCH

Cloud Stone 6580 (referred to as CS6580) "Cloud Stone" series switch is the latest generation 25G&100G data center switch. It is launched by Shenzhou Yunke (referred to as DCN) and positioned as 25G access switches, EOR 100G aggregation switches, and Spine/Leaf network switches. The CS6580 series switches support rich data center features, such as VXLAN, EVPN, NetConf, Telemetry, etc.

CS6580-32CQ-HI Data center full 100G routing switch



physical interface	32*100G QSFP28	other interfaces	console, mgmt, USB
power supply and heat dissipation	hot-swappable PSU modules (AC, 1+1 redundancy), hot-swappable fan modules (5+1 redundancy)		
features	L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 Tunnel, MPLS VPN		

CS6580-48S6CQ-HI

Data center 25G&100G routing switch



physical interfaces	48*25g SFP28 + 6*100g QSFP28
other interfaces	console, mgmt, USB
power supply and heat dissipation	hot-swappable PSU modules (AC, 1+1 redundancy), hot-swappable fan modules (5+1 redundancy)
features	L2, L3 OSPFV3&BGP4+, multicast, IPv4/v6 tunnel, MPLS VPN

CS6580-48S6CQ-SI

Data center 25G&100G routing switch



physical interfaces	48*25G SFP28 + 6*100G QSFP28
other interfaces	console, mgmt, USB
power supply and heat dissipation	hot-swappable PSU modules (AC, 1+1 redundancy), hot-swappable fan modules (5+1 redundancy)
features	L2, L3 OSPFV3&BGP4+



CS6510 SERIES

DATA CENTER SWITCH

Cloud Stone 6510 (referred to as CS6510) "Cloud Stone" switch, launched by Shenzhou Yunke (referred to as DCN), is the latest generation of 10G data center switch. It is specially designed for data centers and positioned as a new generation TOR 10G access switch / EOR 10G aggregation switch. It is particularly suitable for high-density and ten-dimensional access.

CS6510-48S6Q-HI

Data center 10G&40G routing switch



physical interfaces	48*10G SFP+ + 6*40G QSFP	other interfaces	console, mgmt, USB
power supply and heat dissipation	hot-swappable PSU modules (AC, 1+1 redundancy), hot-swappable fan modules (4+1 redundancy)		
features	L2, L3 OSPFV3&BGP4+, multicast, IPv4/v6 tunnel, MPLS VPN		



DCRS-9800

SERIES CORE SWITCH

DCRS-9800 series data center core switch is the new generation CLOS architecture core routing switch, which has separat-ed switching plane and mgmt plane. It is independently developed by Shenzhou Yunke (referred to as DCN) and provide users with high-performance, high reliability, perfect multi-business integration, refined energy consumption mgmt and flexible N*100G core switch platform. It is developed by the first manufacturer to pass the second stage of the international IPv6 Ready enhanced version certification.



DCRS-9816

Core-layer chassis switch

chassis switch	19U						
mgmt module slots	2	switching fabric slot	2	business module slots	16	PSU slots	8
available components	<div>① – MRS-9800-AC PSU(600W)</div> <div>② – MRS-9800-SUP mgmt module, must be used with MRS-9800-FAB</div> <div>③ – MRS-9800-FAB fabric module, must be used with MRS-9800-SUP</div> <div>④ – MRS-9800-20XS2Q business module (20*1G/10G SFP+, 2*40G QSFP)</div> <div>⑤ – MRS-9800-24GT-V business module (24*1G)</div> <div>⑥ – MRS-9800-24GB-V business module (24*1G SFP)</div>						
features	L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel, MPLS VPN, Virtualization						



DCRS-7600E

SERIES CORE SWITCH

DCRS-7600E series, developed by Shenzhou Yunke (referred to as DCN) and designed with core concept of business intelli-gence , is the latest generation core routing switch. It has the best ISP-level ethernet features, mature IPv6 features, multi-plane separation design and high-reliability design. It can help users effectively improve efficiency and competitive-ness, and become the best choice for building a wide area network, urban area network, park network, data center core switch and aggregation switch.



DCRS-7608E

Core & aggregation chassis switch

chassis switch	Crossbar, 18U	mgmt module slots	2
business module slots	8	PSU slots	3
available components	<div>① - MRS-PWR-AC-B MRS-PWR-AC-B PSU (AC, 500W)</div> <div>② - MRS-7608E-M2 mgmt modules, 1 USB, 1 dry contact</div> <div>③ - MRS-7600E-4XS16GX8GB business modules (4*10G SFP+, 8*1G SFP, 16*combo)</div> <div>④ - MRS-7600E-48GT business modules (48*1G)</div> <div>⑤ - MRS-7600E-44GB4XS business modules (44*1G SFP, 4*10G SFP+)</div> <div>⑥ - MRS-7600E-2Q20G16XS business modules (8*1G+12*1G SFP +16*10G SFP+ + 2*40G QSFP)</div> <div>⑦ - MRS-7600E-28GB16GT4XS business modules (28*1G SFP, 16*1G, 4*10G SFP+)</div> <div>⑧ - MRS-7600E-20XS2Q business modules (20*1G/10G SFP+, 2*40G QSFP)</div>		
features	L2, L3 OSPFV3&BGP4+, multicast, IPv4/v6 tunnel, MPLS VPN, Virtualization		

DCRS-7604E

Core & aggregation chassis switch



chassis switch	Crossbar, 6U	mgmt module slots	2
business module slots	4	PSU slots	2
available components	<div><div>① – MRS-PWR-AC-B MRS-PWR-AC-B PSU (AC, 500W)</div><div>② – MRS-7604E-M16GX8GB mgmt modules (8*1G SFP +16*1G combo)</div><div>③ – MRS-7604E-M2Q20G12XS mgmt modules, 8*1G + 12*1G SFP +12*10G SFP+ + 2个40G QSFP</div><div>④ – MRS-7600E-4XS16GX8GB business module, 4*10G SFP+, 8*1G SFP, 16*1G combo</div><div>⑤ – MRS-7600E-48GT business module (48*1G)</div><div>⑥ – MRS-7600E-44GB4XS business module (44*1G SFP, 4*10G SFP+)</div><div>⑦ – MRS-7600E-2Q20G16XS business module (8*1G+12*1G SFP+16*10G SFP++ 2*40G QSFP)</div><div>⑧ – MRS-7600E-28GB16GT4XS business module (28*1G SFP, 16*1G, 4*10G SFP+)</div><div>⑨ – MRS-7600E-20XS2Q business module (20*1G/10G SFP+, 2*40G QSFP)</div></div>		
features	L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel, MPLS VPN, Virtualization		



CS6300

100G AGGREGATION SWITCH

Cloud Stone 6300(referred to as CS6300) "Cloudstone" series switch is the high-performance L3+ IPv6 100G routing switch, developed by Shenzhou Yunke (referred to as DCN). This series of switches are positioned for campus gigabit aggregation and 100G uplink scenarios, it is particularly suitable for high-density gigabit access, supporting up to 48 gigabit optical port accesses. The CS6300 switch supports a rich set of services

CS6300-24X6C-HI

Aggregation routing switch



physical interface	24*10G SFP+ + 6*100G QSFP28
other interface	console, mgmt, USB
power supply and heat dissipation	1+1 modular AC, 1 PSU by default, active cooling
features	L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel,...

CS6300-48X6C-HI

Aggregation routing switch



physical interface	48*10G SFP+ + 6*100G QSFP28
other interface	console, mgmt, USB
power supply and heat dissipation	1+1 modular AC, 1 PSU by default, active cooling
features	L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel,...



CS6200

10G AGGREGATION SWITCH

Cloud Stone 6200(referred to as CS6200) "Cloudstone" series switch is the high-performance L3+ IPv6 10G routing switch, developed by Shenzhou Yunke (referred to as DCN). This series of switches adopts 1G/10G, 40G, full 10G+40G solid ports. This series of products supports MPLS VPN and Open Flow functions, which especially meet the requirements of high-performance, full-featured, safe and reliable network aggregation switches and SMB network core switches.

CS6200-28X-HI-24F

Aggregation routing switch



physical interface	8*1G SFP+16*1G combo+ 4*10G SFP+ +2*20G QSFP stacking port	other interface	console, alarm, mode button, mgmt, USB
power supply and heat dissipation	hot-swappable power supply module (1+1 redundant, 150W), no PSU by default; active cooling		
features	L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel...		

CS6200-8G24S2Q-EI

Aggregation routing switch



physical interface	8*1G + 24*10G SFP+ + 2*40G QSFP+	power supply and heat dissipation	AC+48VDC, active cooling
other interface	console, mgmt, USB	features	L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel...

CS6200X-24T6X-EI
Aggregation routing switch



physical interface	24*1G + 6*10G SFP+	other interface	console, mgmt, USB
power supply and heat dissipation	1+1 modular AC, 1 PSU by default, active cooling		
features	L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel,...		

CS6200X-48T6X-EI
Aggregation routing switch



physical interface	48*1G + 6*10G SFP+	other interface	console, mgmt, USB
power supply and heat dissipation	1+1 modular AC, 1 PSU by default, active cooling		
features	L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel...		

CS6200X-24T6X-P-EI
Aggregation routing switch



physical interface	24*1G + 6*10G SFP+, PoE/PoE+	other interface	console, mgmt, USB
power supply and heat dissipation	1+1 modular AC, 1 PSU by default, PoE output 500w/720w, active cooling		
features	L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel...		

CS6200X-48T6X-P-EI
Aggregation routing switch



physical interface	48*1G + 6*10G SFP+, PoE/PoE+	other interface	console, mgmt, USB
power supply and heat dissipation	power supply and heat dissipation: 1+1 modular AC, 1 PSU by default, PoE output 500w/1000w, active cooling		
features	L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel...		

CS6200X-24S6X-EI
Aggregation routing switch



physical interface	24*1G SFP +6*10G SFP+	other interface	console, mgmt, USB
power supply and heat dissipation	1+1 modular AC, 1 PSU by default, active cooling		
features	L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel...		

CS6200X-48S6X-EI
Aggregation routing switch



physical interface	48*1G SFP +6*10G SFP+	other interface	console, mgmt, USB
power supply and heat dissipation	1+1 modular AC, 1 PSU by default, active cooling		
features	L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel...		

CS6200X-24T6X-HI
Aggregation routing switch



physical interface	24*1G + 6*10G(SFP+) + 1*slot	other interface	console, mgmt, USB
power supply and heat dissipation	1+1 modular AC, 1 PSU by default, active cooling		
features	L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel...		

CS6200X-48T6X-HI
Aggregation routing switch



physical interface	48*1G + 6*10G(SFP+) + 1*slot	other interface	console, mgmt, USB
power supply and heat dissipation	1+1 modular AC, 1 PSU by default, active cooling		
features	L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel...		

CS6200X-24S6X-HI Aggregation routing switch



physical interface	24*1G SFP +6*10G SFP+1*slot	other interface	console, mgmt, USB
power supply and heat dissipation	1+1 modular AC, 1 PSU by default, active cooling		
features	L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel...		

CS6200X-48S6X-HI Aggregation routing switch



physical interface	48*1G SFP +6*10G SFP+1*slot	other interface	console, mgmt, USB
power supply and heat dissipation	1+1 modular AC, 1 PSU by default, active cooling		
features	L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel...		



S5750E-26X-SI FULL 10G AGGREGATION SWITCH

S5750E-26X-SI L3 switch is a new generation of intelligent full 10G aggregation switch, launched by Shenzhou Yunke (referred to as DCN). It has technology of 10G core switch and is special designed for the high-density scenarios of the data center 10G server. It has characteristics such as high-reliability, multiple redundant, high density, etc., to provide strong network support and 10G aggregation solutions for data centers and campus.

S5750E-26X-SI(R2.0) Full 10G aggregation switch



physical interface	24*10G SFP+ + 2*40G QSFP+	other interface	console, mgmt, USB
power supply and heat dissipation	AC+48VDC, active cooling	features	L2, L3 static routing, multicast...



S5750 10G AGGREGATION ROUTING SWITCH

DCN S5750 series switches, launched by Shenzhou Yunke (referred to as DCN), are enterprise-class stackable routing switches with fixed, built-in 10GbE uplink ports. These fully managed switches provide high availability, scalability, security, energy efficiency, and easy operation with rich L3 features. It is ideal for aggregation or access layer for campus, enterprise, government and service provider networks.

S5750X-24T6X-SI Aggregation & access routing switch



physical interface	24*1G + 6*10G SFP+	other interface	console, mgmt, USB
power supply and heat dissipation	AC, active cooling		
features	L2, L3, OSPFv3&BGP4+, multicast...		

S5750X-48T6X-SI Aggregation & access routing switch



physical interface	48*1G + 6*10G SFP+	other interface	console, mgmt, USB
power supply and heat dissipation	AC, active cooling		
features	L2, L3, OSPFv3&BGP4+, multicast...		

S5750X-24T6X-P-SI POE routing switch



physical interface	24*1G + 6*10G SFP+, POE/POE+	other interface	console, mgmt, USB
power supply and heat dissipation	AC, active cooling, 375w PoE output		
features	L2, L3, OSPFv3&BGP4+, multicast...		

S5750X-48T6X-P-SI
POE routing switch



physical interface	48*1G + 6*10G SFP+, POE/POE+	other interface	console, mgmt, USB
power supply and heat dissipation	AC, active cooling, 750w PoE output		
features	L2, L3, OSPFv3&BGP4+, multicast...		

S5750X-24S6X-EI
Aggregation & access routing switch



physical interface	24*1G SFP+ 6*10G SFP+	other interface	console, mgmt, USB
power supply and heat dissipation	1+1 modular AC, 1 PSU by default, active cooling		
features	L2, L3, OSPFv3&BGP4+, multicast...		

S5750X-48S6X-EI
Aggregation & access routing switch



physical interface	48*1G SFP+ 6*10G SFP+	other interface	console, mgmt, USB
power supply and heat dissipation	1+1 modular AC, 1 PSU by default, active cooling		
features	L2, L3, OSPFv3&BGP4+, multicast...		

S5750E-16F-SI-D
Aggregation routing switch



physical interface	8*1G SFP+ 4*1G combo+ 4*10G SFP+	other interface	console, mgmt, USB
power supply and heat dissipation	AC+48VDC, active cooling		
features	L2, L3, OSPFv3&BGP4+, multicast...		



S5750
SERIES MGIG ROUTING SWITCH

The S5750 series mGig routing switch, launched by Shenzhou Yunke (referred to as DCN), is the new generation of green intelligence security. It realized 10G&40G&25G. It realizes high bandwidth and virtualization expansion, providing users with solutions for high-performance, easy-management, and low-cost WIFI 6 AP access. The S5750M series switches support strong routing functions, such as: OSPFV2, OSPFV3, BGP4, BGP4+protocol, etc.

S5750M-30X-P-SI
2.5G mGig PoE routing switch



physical interface	24*2.5G+ 4*10G SFP+ + 2*40G QSFP+, PoE/PoE+, the first 8 ports support PoE++(60W)		
power supply and heat dissipation	1+1 modular AC, 600W, PoE: 530W (single power supply), 1000W (dual power supply), 1 PSU by default; active cooling		
features	L2, L3, OSPFv3&BGP4+, multicast...	other interface	console, mgmt, USB

S5750M-18X-P-SI
10G mGig PoE routing switch



physical interface	12*10mGig + 4*25G SFP28, PoE/PoE+/PoE++(90W)	other interface	console, mgmt, USB
power supply and heat dissipation	AC+48VDC, active cooling, PoE output 370W		
features	L2, L3, OSPFv3&BGP4+, multicast...		

S5750X-24NT6X-SI
2.5G mGig routing switch



physical interface	24*2.5G+ 6*10G SFP+	other interface	console, mgmt, USB, Reset button
power supply and heat dissipation	AC, active cooling		
features	L2, L3, OSPFv3&BGP4+, multicast...		

S5750X-24NT6X-P-SI
2.5G mGig POE routing switch



physical interface	24*2.5G+ 6*10G SFP+, POE/POE+	other interface	console, mgmt, USB, Reset button
power supply and heat dissipation	AC, PoE: 740W, active cooling		
features	L2, L3, OSPFv3&BGP4+, multicast...		

S5750M-26Q-P-SI
40G mGig POE routing switch



physical interface	24*10G mGig+ 2*40G QSFP+, POE/POE+, the first 8 ports support POE++(60W)		
power supply and heat dissipation	1+1 modular AC, 600W, PoE output 530W (single power supply), 1000W (dual power supply), 1 PSU by default; active cooling		
features	L2, L3, OSPFv3&BGP4+, multicast...	other interface	console, mgmt, USB, Reset button



S4600X
SERIES 10G ACCESS SWITCH

The S4600X series switches, launched by Shenzhou Yunke (referred to as DCN), are new generation of green intelligent security 10G access switches. It has solid 8/24/48 100/1000Mbps Ethernet port and 4 10G SFP+ optical fiber port. The S4600C-28X-SI supports two expansion slots at the back. It supports L3 static routing, dual-link redundant backups, provides advanced green environmental protection technology, and provides users with high-performance, easy-mgmt, low-cost Gigabit to desktop and 10G uplink solutions.

S4600-12X-SI
10G access switch



physical interface	8*1G+ 4*10G SFP+	other interface	console, USB
power supply and heat dissipation	AC, passive cooling		
features	L2, L3 static routing		

S4600-12X-P-SI
10G PoE access switch



physical interface	8*1G+ 4*10G SFP+, PoE/PoE+	other interface	console, USB, MODE button
power supply and heat dissipation	AC, passive cooling		
features	L2, L3 static routing		

S4600-28X-SI(R2.0)
10G access switch



physical interface	24*1G+ 4*10G SFP+	other interface	console, USB
power supply and heat dissipation	AC, passive cooling		
features	L2, L3 static routing		

S4600-28X-P-SI
10G PoE Switch



physical interface	24*1G+ 4*10G SFP+, PoE/PoE+	other interface	console, USB, MODE button
power supply and heat dissipation	AC, PoE output 370W active cooling		
features	L2, L3 static routing		

S4600-52X-SI
10G access switch



physical interface	48*1G+ 4*10G SFP+	other Interface	console, USB, mgmt
power supply and heat dissipation	AC, active cooling		
features	L2, L3 static routing		

S4600-52X-P-SI
10G Switch



physical interface	48*1G+ 4*10G SFP+, PoE/PoE+	other interface	console, USB, mgmt
power supply and heat dissipation	AC, PoE output 740W active cooling	features	L2, L3 static routing



S4600
SERIES GIGABIT ACCESS SWITCH

DCN S4600-SI, launched by Shenzhou Yunke (referred to as DCN), series are cost-effective GbE standalone switches which provide enterprise-class access for campus and branch applications. These fully managed switches can provide advanced Layer 2 features as well as optional Power over Ethernet Plus (PoE+) power. Designed for operational simplicity to lower total cost of network, S4600 series provide scalable, secure, and energy-efficient business network access with intelligent services.

S4600-28P-SI(R3.0)
Full Gigabit Access switch



physical interface	24*1G+4*1G SFP	other interface	console
power supply and heat dissipation	AC(front), passive cooling	features	L2, L3 static routing

S4600-28P-P-SI(R3.0)
Full Gigabit PoE switch



physical interface	24*1G+4*1G SFP, PoE/PoE+	other interface	console, USB, MODE button
power supply and heat dissipation	AC, PoE output 370W, active cooling	features	L2, L3 static routing

S4600-52P-SI
Full Gigabit access switch



physical interface	48*1G+4*1G SFP	other interface	console
power supply and heat dissipation	AC, active cooling	features	L2



S4200
SERIES GIGABIT ACCESS SWITCH

DCN S4200-SI (R2), launched by Shenzhou Yunke (referred to as DCN), series are cost-effective GbE standalone switches which provide enterprise-class access for campus and branch applications. These fully managed switches can provide advanced Layer 2 features as well as optional Power over Ethernet Plus (PoE+) power. Designed for operational simplicity to lower total cost of network, S4200 series provide scalable, secure, and energy-efficient business network access with intelligent services.

S4200-10P-SI
Full Gigabit access switch



physical interface	8*1G+2*1G SFP	other interface	console
power supply and heat dissipation	AC(front), passive cooling	features	L2

S4200-10P-PL-SI
Full Gigabit PoE access switch



physical interface	8*1G+2*1G SFP, PoE/PoE+	other interface	console
power supply and heat dissipation	AC(front), PoE output 125W passive cooling	features	L2

S4200-28P-SI(R2.0)
Full Gigabit access switch



physical interface	24*1G +4*1G SFP	other interface	console
power supply and heat dissipation	AC(front), passive cooling	features	L2

S4200-28P-PL-SI(R2.0)
Full Gigabit PoE access switch



physical interface	24*1G +4*1G SFP, PoE/PoE+	other interface	console, USB, MODE button
power supply and heat dissipation	AC, PoE output 200W, active cooling	features	L2



CS6200 XC
SERIES 10G ROUTING SWITCH

The CS6200-XC series 10G routing switches, launched by Yunke China (referred to as DCN), are the domestic CPU-based Gigabit access of domestic CPUs, domestic exchanges chips, and high-performance switches based on domestic CPUs, domestic exchanges chips. The products are mainly targeted at the campus. The access of network and data centers and application scenarios such as small network cores, aggregations, and access.

CS6200-26S-EI-XC
Full 10G multi-service aggregation routing switch



physical interface	24*10G SFP+ + 2*100G QSFP28	other interface	console, mgmt, USB
power supply and heat dissipation	modular PSU (AC, 1+1 redundancy default 1 AC), active cooling	features	L2, L3, OSPFv3&BGP4+ multicast, IPv4/v6 tunnel"

CS6200-54X-EI-XC
10g multi-service aggregation access routing switch



physical interface	48*1G + 6*10G SFP+	other interface	console, mgmt, USB
power supply and heat dissipation	dual fixed redundant AC active cooling	features	L2, L3, OSPFv3&BGP4+ multicast, IPv4/v6 tunnel

CS6200-54F-EI-XC
10G multi-service aggregation routing switch



physical interface	48*1G SFP + 6*10G SFP+	other interface	console, mgmt, USB
power supply and heat dissipation	modular PSU (AC, 1+1 redundancy default 1 AC), active cooling	features	L2, L3, OSPFv3&BGP4+, multicast, IPv4/v6 tunnel

CS6200-34X-EI-XC
10G multi-service aggregation access routing switch



physical interface	24*1G +4*1G SFP+6*10G SFP+	other interface	console, mgmt, USB
power supply and heat dissipation	modular PSU (AC, 1+1 redundancy default 1 AC), active cooling	features	L2, L3, OSPFv3&BGP4+ multicast, IPv4/v6 tunnel

CS6200-34X-P-EI-XC
10G multi-service PoE access routing switch



physical interface	24*1G +4*1G SFP+6*10G SFP+, PoE/PoE+	other interface	console, mgmt, USB
power supply and heat dissipation	modular PSU (AC, 1+1 redundancy, default 1 AC) PoE output 370W, active cooling	features	L2, L3, OSPFv3&BGP4+, multicast IPv4/v6 tunnel



S5750E XC
SERIES 10G ROUTING SWITCH

DCN S5750E-XC, launched by Yunke China (referred to as DCN), are L3 stackable routing switch series with 100GE fiber uplink ports. S5750E-XC has advanced hardware and software architecture design, built-in dual redundant power supplies. S5750E-XC provides high availability, scalability, security, energy efficiency, and ease of operation with innovative features such as VSF (Virtual Switch Framework) and 3 fixed Auto-adjusted fan units. It is ideal for high-density aggregation in Enterprise networks or Campus networks. For SMB, S5750E-XC could be used as core switch.

S5750E-30X-SI-XC
10G multi-service aggregation access routing switch



physical interface	24*1G+4*1G SFP+6*10G SFP+	other interface	console, mgmt, USB
power supply and heat dissipation	modular PSU (AC, 1+1 redundancy default 1 AC), active cooling	features	L2, L3, OSPFv3&BGP4+, multicast, IPv4/v6 tunnel

S5750E-30X-P-SI-XC
10G multi-service PoE access
routing switch



physical interface	24*1G +4*1G SFP+6*10G SFP+, PoE/PoE+	other interface	console, mgmt, USB
power supply and heat dissipation	modular PSU (AC, 1+1 redundancy default 1 AC), PoE output 370W, active cooling	features	L2, L3, OSPFv3&BGP4+ multicast, IPv4/v6 tunnel



IS2100D
SERIES INDUSTRIAL SWITCH

IS2100D(R2) series Industrial switch delivers high-speed gigabit ethernet connectivity in a compact form factor and is designed for a wide range of industrial applications where hardened products are required. The platform is built to withstand harsh environments in manufacturing, energy, transportation, mining, and smart cities. The IS2100D(R2) platform is also ideal for extended enterprise deployments in outdoor spaces, warehouses, and distribution centers.

IS2100D-2GF8TX-P(R2.0)
Din-rail industrial PoE switch



physical interface	8*10/100M+ 2*1G SFP, PoE/PoE+	other interface	console
power supply and heat dissipation	dual 48VDC, passive cooling	features	L2

IS2100D-2GF8GT-P(R2.0)
Din-rail industrial full gigabit PoE switch

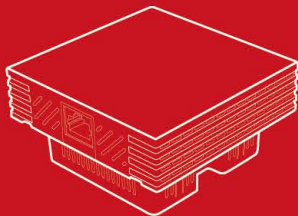


physical interface	8*1G+ 2*1G SFP, PoE/PoE+	other interface	console
power supply and heat dissipation	dual 48VDC, passive cooling	features	L2

Wireless
Product

PART 2

> Wireless Product



Wireless Controller

Indoor AP

In-wall AP

Outdoor AP

Wireless Accessories



WIRELESS CONTROLLER SERIES

DCN independently developed intelligent wireless controller, combined with DCN intelligent wireless AP to form a centralized mgmt wireless LAN (WLAN) solution. It provides complete RF mgmt and security mechanism, powerful QoS, seamless roaming and complete control of APs, can be used to construct medium-sized network for campus, hotel, enterprise office, hospital, etc.

DCWS-6028(R2.0) Wireless controller



physical interface	16*1G combo+8*1G SFP+4*10G SFP+ mgmt, Console, USB
key features	① - default with 32 units AP license, support controlling max. 1024 AP ② - switching capacity: 208Gbps, forwarding rate: 155Mpps ③ - Maximum number of concurrent wireless users: 10K, authentication mode: 2k ④ - 2 modular AC PSU

DCWS-6028-C Wireless controller



physical interface	24*1G + 2*1G combo + 2*10G SFP+ mgmt, Console, USB
key features	① - default with 16 units AP license, support controlling max.256 units AP ② - switching capacity: 128Gbps, forwarding rate: 95Mpps ③ - Maximum number of concurrent wireless users: 5K, authentication mode: 1k ④ - 1 fixed AC PSU

WS6000-M500P6 Wireless controller



physical interface	6*1G, Console, 2*USB
key features	① - default with 16 units AP license, support controlling max.512 units AP ② - Maximum number of concurrent wireless users: 1536 ③ - 1 fixed AC PSU



INDOOR WIFI6 SERIES

WL8200 series are next generation Wi-Fi 6 high-performance enterprise Wi-Fi AP (Access Point) released by DCN. It uses advanced wireless technologies such as MU-MIMO, OFDMA, space reuse, TWT, etc., which can realize AP to send data to multiple terminals at the same time, or receive multiple terminal data at the same time. The number of effective access users has been greatly improved, and reducing the cost of deployment, increasing user experience in high-density scenarios.

WL8200-X10 Indoor dual-band WiFi6 AP



physical interface	1*10/100/1000/2500Mbps uplink interface with PoE support 1*10/100/1000/2500Mbps downlink interface 1 built-in Bluetooth module, expandable to support IoT applications 1 Console port 1 USB 2.0 port
key features	① - radio: 2.4G: 802.11b/g/n/ax; 5G: 802.11a/n/ac/ax ② - 14 spatial streams. 2.4G: 4 spatial streams; 5G: 10 spatial streams ③ - max. bandwidth is 6820Mbps ④ - Power input: 802.3bt PoE power supply; (802.3at PoE power supply environment needs to configure AP's ECO working mode)

WL8200-X4 Indoor dual-band WiFi6 AP



physical interface	1*10/100/1000/2500Mbps uplink interface, support PoE power supply 1*10/100/1000/2500Mbps downlink interface 1 built-in Bluetooth module, expandable to support IoT applications 1 Console port (RJ-45) 1 USB 2.0 port
key features	① - radio: 2.4G: 802.11b/g/n/ax; 5G: 802.11a/n/ac/ax ② - 6 spatial streams, 2.4G: 2 spatial streams; 5G: 4 spatial streams ③ - max. bandwidth is 2975Mbps ④ - Power input: 802.3bt PoE power supply; (802.3at PoE power supply environment needs to configure AP's ECO working mode)

WL8200-X2(R2.0) Indoor dual-band WiFi6 AP



physical interface	1*10/100/1000Mbps uplink interface, support PoE input 1*10/100/1000Mbps downlink port 1 Console port (RJ-45) 1 USB 2.0 port
key features	① - radio: 2.4G: 802.11b/g/n/ax; 5G: 802.11a/n/ac/ax ② - 4 spatial streams, 2.4G: 2 spatial streams; 5G: 2 spatial streams ③ - max. bandwidth 1775Mbps ④ - Power input: 802.3af/802.3at compatible PoE power supply ⑤ - BLE

WL8200-X1
Indoor dual-band WiFi6 AP



physical interface	1*10/100/1000Mbps uplink port, support PoE input 1*10/100/1000Mbps downlink port
key features	① - radio: 2.4G: 802.11b/g/n/ax; 5G: 802.11a/n/ac/ax ② - 4 spatial streams, 2.4G: 2 spatial streams; 5G: 2 spatial streams ③ - the max. bandwidth 1775Mbps ④ - Power input: 802.3at PoE power supply, support DC 12V local power supply

 IN-WALL
WIFI6 SERIES

WL8200-XW series are dual-band high-performance gigabit wireless access point device based on the 802.11ax standard launched by DCN, it could offer maximum 1775Mbps access rate, and supports standard 86 panel for easy installation. WL8200-XW2 works in the 2.4GHz and 5GHz frequency bands and supports advanced wireless technologies such as MU-MIMO, OFDMA, spatial multiplexing, and TWT. The first radio works in the 2.4GHz frequency band and can provide a maximum access rate of 575Mbps; the second radio works in the 5GHz frequency band and can provide a maximum access rate of up to 1200Mbps.

WL8200-XW4
In-wall dual band WiFi6 AP



physical interface	1*10/100/1000Mbps uplink port, support PoE input 4*10/100/1000Mbps downlink ports 1 USB 2.0 port
key features	① - radio: 2.4G: 802.11b/g/n/ax; 5G: 802.11a/n/ac/ax ② - 4 spatial streams, 2.4G: 2 spatial streams; 5G: 2 spatial streams ③ - the max. bandwidth is 2975Mbps, 2.4G: 575Mbps, 5G:1200Mbps ④ - Power input: 802.3af/802.3at compatible PoE power supply ⑤ - BLE 5.1

WL8200-XW1
In-wall dual band WiFi6 AP



physical interface	1*10/100/1000Mbps uplink interface, support PoE input 1*10/100/1000Mbps downlink port
key features	① - radio: 2.4G: 802.11b/g/n/ax; 5G: 802.11a/n/ac/ax ② - 4 spatial streams, 2.4G: 2 spatial streams; 5G: 2 spatial streams ③ - the max. bandwidth is 1775Mbps, 2.4G: 575Mbps, 5G:1200Mbps ④ - Power input: 802.3af/802.3at compatible PoE power supply

 IN-WALL
WIFI5 SERIES

The new generation wireless In-wall AP, launched by DCN, is based on the 802.11ac Wave2 standard. It uses MU-MIMO, OFDM and fully considers important factors such as wireless network security, radio frequency control, mobile access, service quality assurance, and seamless roaming. It can combined with DCN wireless controller products to complete wireless user data forwarding, security and access control. It is free of wiring and construction. It is the most ideal high -performance AP in the application environment of campus dormitory, corporate office, star hotels.

DCWL-2000WAP(R2.0)
In-wall 11n AP



physical interface	1*10/100Mbps uplink interface, support PoE input 2*10/100Mbps downlink port
key features	① - radio: 2.4G: 802.11b/g/n; ② - 2 spatial streams, 2.4G: 2 spatial streams ③ - the max. bandwidth is 300Mbps, 2.4G: 300Mbps ④ - Power input: 802.3af/802.3at compatible PoE power supply



OUTDOOR WIFI6 SERIES

DCN launched a new generation of high-performance Gigabit outdoor wireless access point equipment based on the 802.11ax standard. Working in the 2.4GHz and 5GHz frequency bands, using advanced wireless technologies such as MU-MIMO, OFDMA, spatial multiplexing, and TWT, it is an ideal choice for outdoor WiFi coverage. It adopts industrial standard components, IP68 protection grade design, strong, waterproof, dustproof, lightning-proof, and can be used in harsh outdoor environments. This series of products is the most ideal high-speed wireless access point device for outdoor application environments such as enterprise campus WLAN access, campus coverage, and operator hotspot coverage.

WL8200-XIT2 Outdoor dual-band WiFi6 AP with built-in antenna

physical interface	1*10/100/1000Mbps uplink interface, support PoE input 1*10/100/1000Mbps downlink port 1*1000M SFP optical port Built-in M.2 interface, support IoT expansion and LTE expansion
key features	① - radio: 2.4G: 802.11b/g/n/ax; 5G: 802.11a/n/ac/ax ② - 4 spatial streams, 2.4G: 2 spatial streams; 5G: 2 spatial streams ③ - the max. bandwidth is 1775Mbps, 2.4G: 575Mbps, 5G: 1200Mbps ④ - Power input: 802.3at PoE power supply



WL8200-XT2 Outdoor dual-band WiFi6 AP with external antenna

physical interface	1*10/100/1000Mbps uplink interface, support PoE input 1*10/100/1000Mbps downlink port 1*1000M SFP optical port Built-in M.2 interface, support IoT expansion and LTE expansion
key features	① - radio: 2.4G: 802.11b/g/n/ax; 5G: 802.11a/n/ac/ax ② - 4 spatial streams, 2.4G: 2 spatial streams; 5G: 2 spatial streams ③ - the max. bandwidth is 1775Mbps, 2.4G: 575Mbps, 5G: 1200Mbps ④ - Power input: 802.3at PoE power supply



DUAL RADIO DIRECTIONAL ANTENNA SERIES

MIMO directional antenna, dual radio, dual polarization, high gain, low standing wave, standard with adjustable angle clip.

ANT-2458-14DX60X4 Outdoor dual-band omnidirectional antenna

key features	① - Frequency range-MHz: 2400-2483/5150~5850MHz ② - Bandwidth-MHz: 83/700 ③ - Gain-dBi: 12/14 ④ - (Input impedance-Ω: 50Ω ⑤ - Polarization mode: ±45° ⑥ - Antenna size-mm: 450×165×35
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DUAL RADIO OMNIDIRECTIONAL ANTENNA SERIES

The outdoor omni-directional dual-band antenna that supports 2X2 MIMO is used with DCN outdoor external antenna products to achieve dual-band omnidirectional coverage.

ANT-2458-5X4Y Outdoor dual-band omnidirectional antenna

main parameters	① - Frequency range-MHz: 2400-2483/5150~5850MHz ② - Bandwidth-MHz: 83/700 ③ - Gain-dBi: 5/8 ④ - Input impedance-Ω: 50Ω ⑤ - Polarization mode: vertical ⑥ - Antenna size-mm: 200×φ145
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ANT-2458-6X7Y Outdoor dual-band omnidirectional antenna

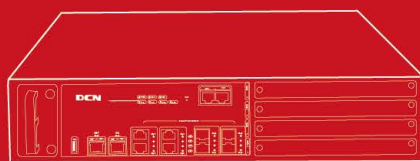
main parameters	① - Frequency range-MHz: 2400-2483/5150~5850MHz ② - Bandwidth-MHz: 83/700 ③ - Gain-dBi: 6/7 ④ - Input impedance-Ω: 50Ω ⑤ - Polarization mode: vertical ⑥ - Antenna size-mm: L318×φ21/L200×φ21
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Firewall Product

PART 3

> Firewall Product



Next-generation Firewall



DCFW-1800E-X SERIES FIREWALL

The DCFW-1800E-X series is our new next-generation firewall product independently developed by DCN for the mobile Internet era that fully guarantees L2-L7 security. This product is guided by the Zero Trust Model, aims to protect core digital assets and data, and redefines the trust boundary. The product integrates a variety of identity authentication methods, realizes multi-dimensional refined management and control based on applications, content, assets, etc., and can fully protect against various DoS/DDoS attacks, brute force cracking, weak passwords, vulnerability exploits, viruses, Trojans and other network threats. No matter where employees access from, their access rights and security to intranet resources can be guaranteed, building a cost-effective, efficient and integrated security protection experience for users such as government, enterprises, education, and finance.

DCFW-1800E-X8430 Next-generation firewall



physical interfaces	2 USB port	1 Console	1 mgmt
	Standard with 6*1GE+4*1GE SFP + 3 extended slots Expandable up to 30*1GE or 28*1GE SFP or 12*10GE SFP+ Hard disk 1TB dual hot-swappable power supplies		
key features	① - Throughput $\geq 55\text{Gbps}$; Maximum number of IPsec tunnels 10,000; ② - Concurrent sessions ≥ 8 million; new sessions per second $\geq 420,000$; ③ - SSL VPN concurrent users 10,000		

DCFW-1800E-X6024R Next-generation firewall



physical interface	2 USB 1 Console 1 mgmt Standard with 16*1GE+4*1GE SFP+4*10G SFP+	Hard disk 1TB Dual redundant AC power supplies
key features	① - Throughput $\geq 20\text{Gbps}$; Maximum number of IPsec tunnels 10,000; ② - concurrent sessions ≥ 4 million; new sessions per second $\geq 140,000$; ③ - SSL VPN concurrent users 3,000	

DCFW-1800E-X6012R
Next-generation firewall



physical interface	2 USB 1 Console 1 mgmt Standard with 8*1GE+2*1GE SFP+2*10G SFP+ Dual redundant AC power supplies
key features	① - Throughput ≥10Gbps; Maximum number of IPsec tunnels 10,000; ② - concurrent sessions ≥4 million; new sessions per second ≥140,000; ③ - SSL VPN concurrent users 3,000

DCFW-1800E-E8
Next-generation firewall



physical interface	4*1GE+2*1GE SFP 1 USB port 1 console port AC single power supply 1 bypass
key features	① - Throughput ≥6Gbps; Maximum number of IPsec tunnels 5,000; ② - concurrent sessions ≥1million; new sessions per second ≥40,000; ③ - SSL VPN concurrent users 3,000

DCFW-1800E-X3012R
Next-generation firewall



physical interface	1 USB 1 Console 1 mgmt Standard with 8*1GE+2*1GE SFP Dual redundant AC power supplies
key features	① - Throughput ≥2.1Gbps; Maximum number of IPsec tunnels 2,300; ② - concurrent sessions ≥1 million; new sessions per second ≥18,000; ③ - SSL VPN concurrent users 1,200

DCFW-1800E-E4
Next-generation firewall



physical interface	8*1GE+2*1GE SFP 1 USB port 1 console port AC dual power supply
key features	① - Throughput ≥2.1Gbps; Maximum number of IPsec tunnels 2,300; ② - concurrent sessions ≥1million; new sessions per second ≥18,000; ③ - SSL VPN concurrent users 1,200

DCFW-1800E-E12
Next-generation firewall



physical interface	8*1GE+2*1GE SFP+2*10G SFP+ 2 USB port 1 console port	AC single power supply 2bypass 2 slots
key features	① - Throughput ≥10Gbps; Maximum number of IPsec tunnels 10,000; ② - concurrent sessions is ≥4million; new sessions per second is ≥140,000; ③ - SSL VPN concurrent users≥3000	

DCFW-1800E-E2
Next-generation firewall



physical interface	5*1GE+1GE COMBO 1 USB port	1 console port AC single power supply
key features	① - Throughput ≥2.1Gbps; Maximum number of IPsec tunnels 1,000; ② - concurrent sessions ≥450,000; new sessions per second ≥18,000; ③ - SSL VPN concurrent users 180	

DCME Product

PART 4

> DCME Products



DCME



DCME SERIES

DCME series multi-core edge device integrates broadband routing, firewall, switch, VPN, traffic mgmt and monitoring, intranet security, wireless controller and other functions. The dual power supply redundancy design increases the reliability of the whole machine, and can cooperate with DCN ImCloud Center Realize cloud and data applications such as cloud management, flexible authentication, network diagnosis, and data statistics. The configuration is simple and easy to use, especially suitable for complex network application environments such as large and medium-sized enterprises, campuses, governments, chain institutions, star hotels, and operators.

DCME-720 DCME Multi-core Edge Device



physical interfaces	17*1G	1 Console port
	4*1G combo ports	2 USB2.0 ports, dual power supply redundancy
features	① - Support cloud mgmt, built-in SSD hard disk, IPSec VPN Web mgmt, wireless controller	
	② - The default includes 24 AP mgmt licenses, which can be expanded to a maximum of 1024 AP mgmt licenses, and a network environment with a scale of 5000 users is recommended	

DCME-520(R5.0) DCME series



physical interface	Standard With 9*1G ports	1 Console port
	4*1G Combo Ports	2 USB2.0 ports
features	① - Support cloud mgmt, built-in SSD hard disk, IPSec VPN, Web mgmt wireless controller	
	② - The default includes 12 AP mgmt licenses, which can be expanded to a maximum of 512 AP mgmt licenses, and a network environment with a scale of 2000 users is recommended	

DCME-320(R2.0) DCME series

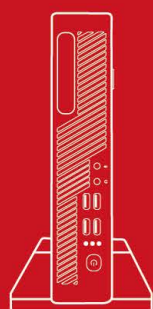


physical interface	Standard With 8*1G ports	1 Console port
	2*1G Combo ports	2 USB2.0 ports, Built-in SSD Hard Disk
features	① - Support cloud mgmt, IPSec VPN, web mgmt, wireless controller	
	② - It includes 4 AP mgmt licenses by default, and can be expanded to a maximum of 64 AP mgmt licenses. It is recommended for a network environment with 500 users	

ImCloud

PART 5

> ImCloud



 ImCloud



IMCLOUD

DCN ImCloud(DCN Intelligent mgmt Cloud) is based on cloud technology and integrates wireless controller, authentication and other network mgmt tools. It is designed for customers with branches, MAN network and non-IT management enterprises.

ImCloud 8860



hardware specs

2U device, 4* 10/100/1000Base-T ports, 4 USB ports
1 IPMI Gigabits RJ45 mgmt Port
Integrated 256G SSD and 2T HDD disk
32G DDR4 memory, Redundant Power

software spec

- ① - max. manageable AP 10k, max. online concurrent users 100k
- ② - authentication, mgmt and access control, all-in-one
- ③ - Friendly GUI & multi-tenant mgmt

ImCloud 8260(R2.0)



hardware specs

1U device
6* 10/100/1000Base-T Ports And 2* PCIe Expansion Slots (Could Extend Max 4* 10G SFP+ ports)
2 USB Ports, Console Port
Integrated 64G mSATA disk, 16G DDR4 memory, Default With One Power

software spec

- ① - max. manageable AP 10k, max. online concurrent users 100k
- ② - authentication, mgmt and access control, all-in-one
- ③ - Friendly GUI & multi-tenant mgmt

Storage

PART 6

> Storage



Storage



NCS1000 STORAGE

Yunke NCS1550 series product is an entry-level NAS/SAN application storage system, which has the characteristics of wide applicability, flexible customization and high cost performance, and has rich data storage and mgmt functions. They are ideal for video surveillance, department file servers, database and shared storage of VSF & VDI etc.

NCS1550-16 Dual controller unified storage



hardware specs

- ① - 64 bits multi-core processor, memory default with 16GB/ maximum 32GB
- ② - 2*1Gb iSCSI/NAS interface, could extend to 4 expansion cabinet
- ③ - 3U 16 disk slot (available for 2.5"/3.5" disks), redundant power supply

software specs

Active/Active cache and RAID
FC, iSCSI, NFS, CIFS

NCS1550-24 Dual controller unified storage



hardware specs

- ① - 64 bits multi-core processor, memory default with 16GB/ maximum 32GB
- ② - 2*1Gb iSCSI/NAS interface, could extend to 4 expansion cabinet
- ③ - 4U 24 disk slot (available for 2.5"/3.5" disks), redundant power supply

software specs

Active/Active cache and RAID
FC, iSCSI, NFS, CIFS

NCS1550-36

Dual controller unified storage



hardware specs	<div>① – 64 bits multi-core processor, memory default with 16GB/ maximum 32GB</div> <div>② – 2*1Gb iSCSI/NAS interface, could extend to 4 expansion cabinet;</div> <div>③ – 4U 36 disk slot (available for 2.5"/3.5" disks), fully modularized cableless chassis design redundant power supply</div>
software specs	Active/Active cache and RAID FC, iSCSI, NFS, CIFS

NCS1856-N

Dual controller unified storage



hardware specs	<div>① – 4* 64 bits multi-core processor, memory default with 32GB/ maximum 512GB</div> <div>② – 4* 1Gb interface, Configuration Thin provisioning, snapshot, Clone, automated data tiering, performance analysis and other functions</div> <div>③ – 4U 24 disk slot (available for 2.5"/3.5" disks), comply with SBB standard</div>
software specs	RAID0,RAID1,RAID10,RAID P1(RAID5),RA1D P2(RAID6),RAID P3 FC/iSCSI/CIFS/NFS

NCS1856-U

Dual controller unified storage



hardware specs	<div>① – 4* 64 bits multi-core processor, memory default with 64GB/ maximum</div> <div>② – 512GB;2*400GB SSD , 4* 1Gb interface, Configuration Thin provisioning, snapshot, Clone automated data tiering, performance analysis and other functions</div> <div>③ – 4U 24 disk slot (available for 2.5"/3.5" disks), comply with SBB standard</div>
software specs	RAID0,RAID1,RAID10,RAID P1(RAID5),RA1D P2(RAID6),RAID P3 FC/iSCSI/CIFS/NFS

DCN

