

### DCN

# CATALOG



Yunke China Information Technology Limited

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01 IS2100D series industrial switch
•IS2100D-2GF8TX(R2.0) •IS2

·IS2100D-2GF8GT(R2.0)

### **CATALOG**









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### **Company Profile**



### **Yunke China Information Technology Limited**

Yunke China Information Technology Limited (Earlier name as DIGITAL CHINA NETWORKS LIMITED, DCN for short), as subsidiary of Digital China Group (Stock code: SZ000034), is a leading data communications equipment and solution provider. Deriving from Lenovo, DCN, as the brand name of Yunke China, was launched into the network market in 1997 with company philosophy of "Client-oriented, Technology-driven and Service-preference".

DCN focuses on data communication field with full product lines, including Switch, Wireless, Router, Security, and Cloud services. With continues invest on RD, DCN is the leading IPv6 solution provider, the first Chinese company won IPv6 Ready Gold certificate and first manufacturer won OpenFlow v1.3 Certificate.

DCN already provide products and solutions to all Chinese provinces and over 60 countries worldwide, established sales and service center at Europe, America, Russia, CIS, Southeast Asia and Middle East regions. DCN serves clients successfully from Education, Government, Operators, ISP, Military, and Enterprises.

Based on independent development and sustainable innovation, DCN is continuous to provide network solution with intelligent, reliable and integrated network products and quality service for the clients

### DCN R&D milestones



Release first chassis switch DCRS-7604



Release DCNOS for all switch and security products



Globally first company get IPv6 Ready Gold Certificate



Release first commercial Open Flow switch



Release first controlled wireless Wi-Fi product line



Release "ImCloud" public cloud service Serve up to 50K+ devices and 200K+ users



Release the first Wi-Fi 6 access point and 2.5G UPoE switch



Release the first 100G data center switch

- 181 Intellectual Properties
- 8 International standard identifications 250+ Qualifications and certificates
- 700+ Products in 11 product lines



**500+** Solutions for different verticals

### **About Digital China**

Since its establishment in 2000. Digital China has devoted to

### "taking leading positions in concept, technology and practice"

enabling the digital transformation of the industry with

independent innovation and core technologies and driving the great rejuvenation of the Chinese nation via digital technology







Digital China Holdings Limited(00861.HK)

Digital China Information Service Co., Ltd.(000555.SZ)

Digital China Group Co., Ltd.(000034.SZ)

### **Industrial Recognition**

#### Achievements

Ranking first in the domestic IT distribution market for years Top value-added reseller for years Responsible for key projects of the "China Torch" program One of the four core companies in the "100 Billion Program" of Beijing



















#### Latest Awards

Most Influential Cloud Computing Company (2017) ISO 9001 & 14001 (2018) Listed in FTSE Russell Global Stock Index (2020) Listed in Fortune China 500 (2020) Top 1 SP in IDC's China Third-Party Cloud Management Services Report (2019) Recommended by Gartner's Market Guide for Public Cloud Managed and Professional Services Providers, Asia Pacific (2020) Forrester Hybrid Cloud Management Software In China (2020)





Leading Brand for "Internet + Services" of the 4th China's Computer Industry Development Awards Top 10 Domestic Companies in the Software & IT Industry

## Ethernet Switch



### > Ethernet Switch



- Data Center Switch
- © Core Switch
- Aggregation Switch
- (A) XC Aggregation Switch
- Industrial Switch



### CS16900E SERIES CORE-LAYER DATA CENTER SWITCH

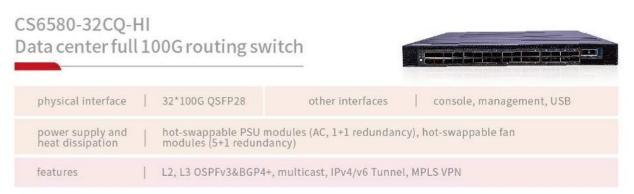
DCN CS16909E is core chassis switch designed to meet the requirement of mission-critical network with high performance, exceptional availability and outstanding scalability. The CS16909E serves campus and data center networking requirements, supports flexible network policy deployment.





### 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 Yunke China (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.



### CS6580-48S6CQ-HI Data center 25G&100G routing switch



physical interfaces	*25g SFP28 + 6*100g QSFP28	
other interfaces	nsole, management, USB	
power supply and heat dissipation	ot-swappable PSU modules (AC, 1+1 redundancy), hot-swappable fan odules (5+1 redundancy)	
features	2, 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, management, 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+



Cloud Stone 6510 (referred to as CS6510) "Cloud Stone" switch, launched by Yunke China (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 10G access.

### CS6510-48S6Q-HI Data center 10G&40G routing switch



Physical Interfaces	48*10G SFP+ + 6*40G QSFP	Other Interfaces   Console, Management, Usb
Power Supply And Heat Dissipation	hot-swappable PSU module modules (4+1 redundancy)	s (AC, 1+1 redundancy), hot-swappable fan
Features	L2, L3 OSPFv3&BGP4+, mult	icast, IPv4/v6 tunnel, MPLS VPN



DCN DCRS-9816 is high performance wire speed chassis switch. DCRS-9816 has 18 slots, including 2 management slots and 16 business slots. With redundant power supply, fans and management modules, the DCRS-9816 ensures continuous operation and fully redundant system.

The DCRS-9800 series serves campus and data center networking requirements in enterprise, commercial, and service provider environments.

### DCRS-9816

#### Core-layer chassis switch

management module slots	switching fabri					
	slot		usiness nodule slots	16	PSU slots	8
available components	① - MRS-9800-AC PSU(6 ② - MRS-9800-SUP man ③ - MRS-9800-FAB fabri ④ - MRS-9800-20XS2Q b ⑤ - MRS-9800-24GT-V b ⑥ - MRS-9800-24GB-V b	agement module, c module, must be pusiness module (2 usiness module (24	e used with MRS 20*1G/10G SFP+ 4*1G)	5-9800-SUP		



### DCRS-7600E SERIES CORE SWITCH

DCRS-7600E Series is DCN's high performance chassis switch, which consists of two models.

1)DCRS-7604E is 4 slots Chassis Switch. It supports Ethernet ports on management blades, which ensures the maximum high-density feature

2)DCRS-7608E has 10 slots. It has 2 management slots and 8 business slots. User could configure business blades by specified requirements.

With redundant power supply, fans and management modules, DCN DCRS-7600E Series ensures continuous operation and fully redundant system. Moreover, all parts are hot swappable. They can be added or exchanged without interruptingthe whole system.

The DCRS-7600E series is ideal for the core layer of campuses, enterprise networks and the aggregation layer of IP metropolitan networks.

### DCRS-7608E

### Core & aggregation chassis switch

	chassis switch	Crossbar, 18U	management module	slots   2	ALTERNATION OF THE PERSON OF T
2 - MRS-7608E-M2 management modules, 1 USB, 1 dry contact 3 - MRS-7600E-4XS16GX8GB business modules (4*10G SFP+, 8*1G SFP, 16*combo) 4 - MRS-7600E-48GT business modules (48*1G) 5 - MRS-7600E-44GB4XS business modules (44*1G SFP, 4*10G SFP+) 6 - MRS-7600E-2Q20G16XS business modules (8*1G+12*1G SFP+16*10G SFP++2*40G QSFP) 7 - MRS-7600E-28GB16GT4XS business modules (28*1G SFP, 16*1G, 4*10G SFP+)	business modu	le slots   8	PSU slots	3	
	available components	② - MRS-7608E-M2 manageme ③ - MRS-7600E-4XS16GX8GB b ④ - MRS-7600E-48GT business ⑤ - MRS-7600E-44GB4XS busin ⑥ - MRS-7600E-2Q20G16XS bu ⑦ - MRS-7600E-28GB16GT4XS	nt modules, 1 USB, 1 dry contact usiness modules (4*10G SFP+, 8 modules (48*1G) less modules (44*1G SFP, 4*10G siness modules (8*1G+12*1G SF business modules (28*1G SFP, 1	8*1G SFP, 16*combo)  SFP+) P+16*10G SFP++ 2*4 6*1G, 4*10G SFP+)	0G QSFP)

### DCRS-7604E Core & aggregation chassis switch

hassis switch	Crossbar, 6U	management mod	ule slots   2		
ousiness nodule slots	4	PSU slots	2		
vailable omponents	② - MRS-7604E-M ③ - MRS-7604E-M ④ - MRS-7600E-4 ⑤ - MRS-7600E-4 ⑥ - MRS-7600E-4 ⑦ - MRS-7600E-2	XS16GX8GB business mod 8GT business module (48* 4GB4XS business module	odules (8*1G SFP +: modules, 8*1G + 12 ule, 4*10G SFP+, 8*: 1G) 44*1G SFP, 4*10G S e (8*1G+12*1G SFP, 16	*1G SFP +12*10G SFP+ + 2 <sup>4</sup> 0G Q G SFP, 16*1G combo FP+) +16*10G SFP++ 2*40G QSFP) 1G, 4*10G SFP+)	SFP

L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel, MPLS VPN, Virtualization



Cloud Stone 6200(referred to as CS6200) "Cloudstone" series switch is the high-performance L3+ IPv6 10G routing switch, developed by Yunke China (referred to as DCN). This series of switches adopts 1G/10G, 40G, full 10G+40G fix 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-EI (R2.0) Aggregation Routing Switch

Features



physical interface   20*1G + 4*1G combo + 4*10G SFP+	
other interface   console, management, USB	
power supply and heat dissipation   dual AC, active cooling	
features   L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel, MPL	S VPN, Open Flow

#### CS6200-52X-EI Aggregation routing switch



physical interface | 48\*1G+4\*10G SFP+ other interface Console, Management, USB power supply and heat dissipation | dual AC, active cooling L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel, MPLS VPN, Open Flow... features

### CS6200-28X-P-EI(R2.0) Aggregation routing switch



20\*1G+4\*1G combo +4\*10G SFP+, PoE/PoE+ physical interface console, Alarm, mode button, USB power supply and heat dissipation | AC, PoE output 370W, active cooling L2, L3 OSPFv3&BGP4+, multicast IPv4/v6 tunnel, MPLS VPN, Open Flow...

#### CS6200-28F-EI-R Aggregation routing switch



physical interface | 16\*1G SFP+8\*1G combo + 4\*10G SFP+ other interface | console, management, USB power supply and heat dissipation | AC+RPS, active cooling L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel, MPLS VPN, Open Flow... features

### CS6200-28X-HI-24F Aggregation routing switch



8\*1G SFP+16\*1G combo+ 4\*10G SFP+ +2\*20G QSFP stacking port physical interface power supply and heat dissipation hot-swappable power supply module (1+1 redundant, 150W), no PSU by default;

features

L2, L3 OSPFv3&BGP4+, multicast, IPv4/v6 tunnel...

### CS6200-8G24S2Q-EI Aggregation routing switch



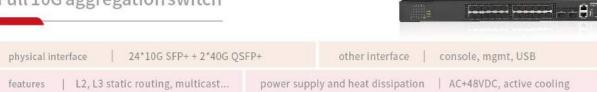
physical interface	8*1G + 24*10G SFP+ + 2*4	OG QSFP+	power supply and heat dissipation	AC+48VDC, active cooling
other interface	console, mgmt, USB	features	L2, L3 OSPFv3&BGP	4+, multicast, IPv4/v6 tunnel



### S5750E-26X-SI **FULL 10G AGGREGATION SWITCH**

S5750E-26X-SI L3 switch is a new generation of intelligent full 10G aggregation switch, launched by Yunke China(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

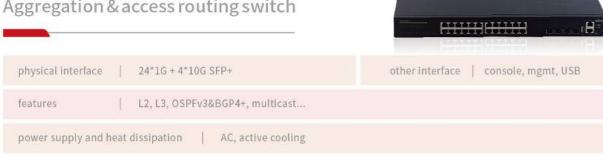




### S5750E 10G AGGREGATION ROUTING SWITCH

DCN S5750E series switches, launched by Yunke China (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.

### S5750E-28X-SI (R2.0) Aggregation & access routing switch



### S5750E-28X-P-SI **PoE** routing switch

physical interface



features L2, L3, OSPFv3&BGP4+, multicast...

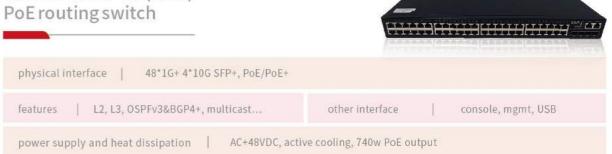
power supply and heat dissipation | AC, active cooling, 370w PoE output

20\*1G+4\*Combo + 4\*10G SFP+, PoE/PoE+

### S5750E-52X-SI (R2.0) Aggregation & access routing switch



### S5750E-52X-P-SI (R2.0)



### S5750E-16F-SI-D Aggregation routing switch



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

### S5750E-28F-SI-D Aggregation routing switch



16\*1G SFP+8\*1G Combo+ 4\*10G SFP+ physical interface

features | L2, L3, OSPFv3&BGP4+, multicast...

other interface

console, mgmt, USB

power supply and heat dissipation | AC+48VDC, active cooling

### S5750E-52F-SI-D Aggregation routing switch



Physical Interface 48\*1G SFP+ 4\*10G SFP+, PoE

Features | L2, L3, OSPFv3&BGP4+, multicast...

Other Interface

console, mgmt, USB

Power Supply And Heat Dissipation AC+48VDC, active cooling



### S5750M SERIES MGIG POE ROUTING SWITCH

The S5750M series switch, launched by Yunke China (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)

L2, L3, OSPFv3&BGP4+, multicast...

other interface

console, mgmt, USB

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

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



physical interface | 2\*10mGig + 4\*25G SFP28, PoE/PoE+/PoE++(60W)

features | L2, L3, OSPFv3&BGP4+, multicast...

other interface | console, mgmt, USB

power supply and heat dissipation

AC+48VDC, active cooling, PoE output 370W



The S4600X series switches, launched by Yunke China (referred to as DCN), are new generation of green intelligent security 10G access switches. It has fix 8/24/48 100/1000Mbps Ethernet port and 4 10G SFP+ optical fiber port.It supports L3 static routing, dual-link redundancy, provides advanced green environmental protection technology, and provides users with high-performance, easy-management, low-cost Gigabit to desktop and 10G uplink solutions.





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

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



physical interface | 8\*1G+ 4\*10G SFP+, PoE/PoE+

features | L2, L3 static routing

other interface

console, USB, MODE button

power supply and heat dissipation | AC, passive cooling

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



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

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



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

### S4600-52X-SI 10G access switch



48\*1G+ 4\*10G SFP+ physical interface Console, USB, mgmt Features | L2, L3 static routing Other Interface Power Supply And Heat Dissipation AC, active cooling

#### S4600-52X-P-SI 10G Switch



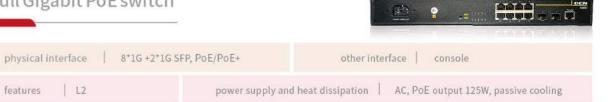
		OSCACA COSCACA COSCACA
physical interface 48*1G+ 4*10G SFP+, PoE/P	POE+ power supply and heat dissipation	AC, PoE output 740W active cooling
features   L2, L3 static routing	other interface	console, USB, MGMT



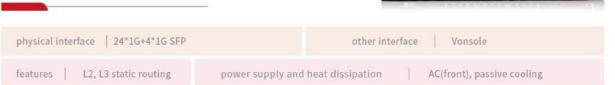
DCN S4600-SI, launched by Yunke China (referred to as DCN), series are cost-effective GbE standalone switches which provide enterprise-class access for campus and branch applications. These fully managed switches can provide advanced Layer 2 features as well as optional Power over Ethernet Plus (PoE+) power. Designed for operational simplicity to lower total cost of network, \$4600 series provide scalable, secure, and energy-efficient business network access with intelligent services.

### S4600-10P-P-SI Full Gigabit PoE switch

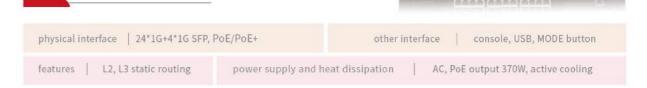
features L2



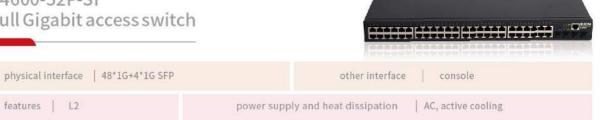
### S4600-28P-SI(R3.0) Full Gigabit Access switch



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



### S4600-52P-SI Full Gigabit access switch



### S4200 SERIES GIGABIT ACCESS SWITCH

DCN S4200 series, launched by Yunke China(referred to as DCN), 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.





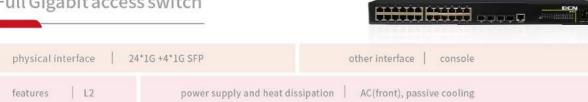
physical interface 8*1G+2*1G	SFP	other interface   console	
features L2	power supply and h	eat dissipation   AC(front), passiv	e cooling

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

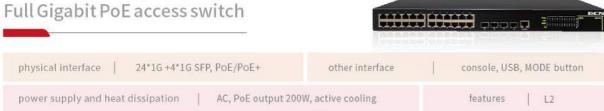


physical interface	8*1G+2*1G SFP, PoE/PoE+	other interface	console
features   L2	power supply and heat dissipation	AC(front), PoE ou	tput 125W passive cooling

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



### S4200-28P-PL-SI(R2.0) Full Gigabit PoF access 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.





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

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



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

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



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

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



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

# Wireless Product PART2

### > Wireless Product ------



- Wireless Controller
- ( Indoor AP
- In-wall AP
- Outdoor AP
- Wireless Accessories



DCN independently developed intelligent wireless controller, combined with DCN intelligent wireless AP to form a centralized management wireless LAN (WLAN) solution. It provides complete RF management 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
ney reasons	<ul> <li>3 - Maximum number of concurrent wireless users: 5K, authentication mode: 1k</li> <li>4) - 1 fixed AC PSU</li> </ul>



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, multiplexing, 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 por

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
- 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
- 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

### WL8200-X1 Indoor dual-band WiFi6 AP



physical interface

1\*10/100/1000Mbps uplink port, support PoE input 1\*10/100/1000Mbps downlink port

10/100/1000MDp3 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

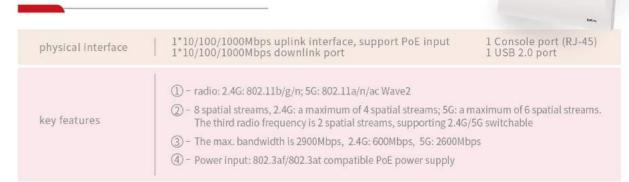
(3) - the max. bandwidth 1775Mbps

4 - Power input: 802.3at PoE power supply, support DC 12V local power supply



DCN WL8200-I3(R2.0) is a high-performance enterprise Wi-Fi AP (Access Point), which can support 802.11ac Wave2 and provide Gigabit Ethernet uplink connectivity. With high performance 2.9Gbps access bandwidth, WL8200-I3(R2.0) is expected to have high density client connectivity to deliver better Wi-Fi user experience. It provides comprehensive service capabilities and features like simple deploy-ment, automatic AC discovery and configuration, high reliability, high security, and real-time manage-ment and maintenance.

### WL8200-I3(R2.0) Indoor tri-band 11ac Wave2 AP





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-XW2 In-wall dual band WiFi6 AP



physical interface	1*10/100/1000Mbps uplink port, support PoE in 4*10/100/1000Mbps downlink ports 1 pair of Passthrough ports

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

### 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
key leatures	③ – the max. bandwidth is 1775Mbps, 2.4G: 575Mbps, 5G:1200Mbps
	④ - Power input: 802.3af/802.3at compatible PoE power supply



The new generation wireless In-wall AP, launched by DCN, is based on the 802.11ac Wave2 standard. It uses MU-MI-MO, 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.

### WL8200-WL2 In-wall dual band 11ac 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; 5G: 802.11a/n/ac ② - 3 spatial streams, 2.4G: 2 spatial streams; 5G: 1 spatial stream ③ - the max. bandwidth is 733Mbps, 2.4G: 300Mbps, 5G: 433Mbps ④ - Power input: 802.3af/802.3at compatible PoE power supply

### 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	



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



① - Frequency range-MHz: 2400-2483/5150~5850MHz

2 - Bandwidth-MHz: 83/700

(3) - Gain-dBi: 12/14

(4) – (Input impedance- $\Omega$ : 50 $\Omega$ 

(5) - Polarization mode: ±45°

(6) - Antenna size-mm: 450×165×35



key features

### 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



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

### ANT-2458-6X7Y Outdoor dual-band omnidirectional antenna



main parameters

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

6 - Polarization mode: vertical

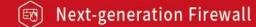
⑥ - Antenna size-mm: L318×φ21/L200×φ21

# Firewall Product



### > Firewall Product







DCFW-1800E-N series next-generation firewall is a professional border security device, which provides intrusion prevention technology based on in-depth application, protocol detection and attack principle analysis, and can effectively filter viruses, Trojan horses, worms, spyware and vulnerability attacks, evasion attacks and other security threats, providing users with L2-L7 layer network security protection; supporting deep application identification technology, which can accurately identify thousands of network applications based on protocol characteristics, behavior characteristics and correlation analysis, including more than 600 mobile applications application.

### DCFW-1800E-N9040 Next-generation firewall



physical interfaces	standard with 4*1G	1 mgt port
	4*1G SFP	4 Slot slots, dual hot-swappable power supply
	1 HA interface	expandable up to 42*1G ports and 16*10G ports
l f t		s; IPS throughput ≥15Gbps; antivirus throughput ≥8Gbp t ≥25Gbps (AES256+SHA-1)
key features	IPsec VPN throughput	

### DCFW-1800E-N8420 Next-generation firewall

physical interface	4*1G (at least one pair of BYPASS ports) 4*1G SFP 1 mgt port	1 HA port 2*10G ports 4 slots	
	① - Throughput ≥20Gbps; IPS throughput ≥5Gbp IPsec VPN throughput ≥10Gbps (AES256+SHA		
key features	② - The maximum number of concurrent sessions is ≥6 million; the number of new sessions per second is ≥300,000		
	③ – virtual firewalls ≥ 250; SSL VPN concurrent us	sers ≥10,000	

### DCFW-1800E-N7210 Next-generation firewall



physical interface	6*1G 4*1G SFP ports	1 HA port 2 slots	1 MGT port	
Law factures		IPS throughput ≥3Gbps; antiviru ≥5Gbps (AES256+SHA-1)	is throughput ≥2Gbps	
key features	<ul><li>② – concurrent sessions is ≥3 million; new sessions per second is ≥150,000</li></ul>			

### DCFW-1800E-N6008 Next-generation firewall



physical interface	5*1G	4 Combo ports	
key features	① - Throughput ≥8Gbps; IPS throughput ≥1Gbps; antivirus throughput ≥500Mbps IPsec VPN throughput ≥1Gbps (AES256+SHA-1)		
key reatures	② – concurrent sessions is ≥2 million; new sessions per second is ≥80,000		
	③ – virtual firewalls ≥ 5; SSL VPN concurrent users≥1000		

### DCFW-1800E-N5005 Next-generation firewall



### DCFW-1800E-N3002 Next-generation firewall



### DCFW-1800E-N2002 Next-generation firewall



# DCME Product



> DCME Products







DCME series multi-core edge device integrates broadband routing, firewall, switch, VPN, traffic management 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 management, built-in SSD hard disk, IPSec VPN Web management, wireless controller
- ② The default includes 24 AP management licenses, which can be expanded to a maximum of 1024 AP management 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 management, built-in SSD hard disk, IPSec VPN, Web management wireless controller
- 2 The default includes 12 AP management licenses, which can be expanded to a maximum of 512 AP management 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 management, IPSec VPN, web management, wireless controller
- (2) It includes 4 AP management licenses by default, and can be expanded to a maximum of 64 AP management licenses. It is recommended for a network environment with 500 users

# **ImCloud**



### > ImCloud





**ImCloud** 



DCN ImCloud(DCN Intelligent Management Cloud) is based on cloud technology and integrates wireless controller, authentication and other network management 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 Management 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, management and access control, all-in-one
- ③ Friendly GUI & multi-tenant management

### 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, management and access control, all-in-one
- ③ Friendly GUI & multi-tenant management

# Storage



> Storage





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 management 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

- 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 36 disk slot (available for 2.5"/3.5" disks), fully modularized cableless chassis design redundant power supply

software specs

Active/Active cache and RAID

FC, ISCSI, NFS, CIFS

### NCS1852-N Dual controller unified storage



hardware specs

- 1 64 bits multi-core processor, memory default with 32GB/ maximum 512GB
- 2 8\*1Gb+4\*10Gb interface, Configuration Thin provisioning, snapshot, Clone, automated data tiering, performance analysis and other functions
- 3 2U 24 disk slot (available for 2.5 disks), comply with SBB standard

software specs

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

NCS1852-U

Dual controller unified storage



hardware specs

- 1 64 bits multi-core processor, memory default with 32GB/ maximum 512GB
- 2 2\*400GB SSD ,8\*1Gb+4\*10Gb interface, Configuration Thin provisioning, snapshot, Clone automated data tiering, performance analysis and other functions
- 3 2U 24 disk slot (available for 2.5" disks), comply with SBB standard

software specs

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

### NCS1854-N Dual controller unified storage



hardware specs

- 1 64 bits multi-core processor, memory default with 32GB/ maximum 512GB
- 2 8\*1Gb+4\*10Gb interface, Configuration Thin provisioning, snapshot, Clone, automated data tiering, performance analysis and other functions
- 3 4U 24 disk slot(available for 2.5"/3.5" disks), comply with SBB standard

software specs

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

### NCS1854-U Dual controller unified storage



hardware specs

- 1 64 bits multi-core processor, memory default with 32GB/ maximum 512GB
- (2) 2\*400GB SSD ,8\*1Gb+4\*10Gb interface, Configuration Thin provisioning, snapshot, Clone automated data tiering, performance analysis and other functions
- 3 4U 24 disk slot(available for 2.5"/3.5" disks), comply with SBB standard

software specs

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

### DCN

