

## Коммутаторы DCN серии IS2100D (R2)

### IS2100D-2GF8TX-P(R2), IS2100D-2GF8GT(R2), IS2100D-2GF8TX(R2)

Коммутаторы серии IS2100D (R2) - промышленные коммутаторы нового поколения на DIN-рейке от Yunke China для сценариев промышленного применения с жесткими условиями эксплуатации и чрезвычайно высокими требованиями к надежности. В серии IS2100D используются высоконадежные компоненты промышленного класса, промышленная структура аппаратного обеспечения и программное обеспечение на основе платформы DCNOS, которые могут предоставить различные гибкие решения для сценариев промышленного применения.

Устройство	IS2100D-2GF8GT(R2)	IS2100D-2GF8TX(R2)	IS2100D-2GF8GT-P(R2)	IS2100D-2GF8TX-P(R2)
Порты	8*10/100/1000M electrical interface+2*SFP port	8*10/100M electrical interface+ 2*SFP port	8*10/100/1000M electrical interface+2*SFP port	8*10/100M electrical interface+ 2*SFP port
Коммутационная фабрика	20G	20G	20G	20G
Форвардинг	14.88Mpps	14.88Mpps	14.88Mpps	14.88Mpps
Характеристики VLAN	Support Port-based VLAN Support IEEE802.1Q VLAN Support private VLAN Support Protocol VLAN Support Voice VLAN Support MAC VLAN Support ordinary QinQ Support selective QinQ Support flexible QinQ Support VLAN Translation Support N:1 VLAN Translation			
DHCP	Support IPv4/IPv6 DHCP Client and IPv4/IPv6 DHCP Relay Support Option 82 and Option 37/38 Support IPv4/IPv6 DHCP Snooping and IPv4/IPv6 DHCP Server			
Отказоустойчивость	Dual DC power input, support system power failure alarm Support STP, RSTP, MSTP Support multi-process MSTP* Support LACP load balance Support EMVTE (ULPP+ULSM) and MRPP Support G.8032 standard ring network protocol Support Loopback detection, VCT, DDM Support ULDP (to realize the same functions as Cisco UDLD)			
Безопасность	Support port speed limit Support broadcast storm control based on message and number of			

	<p>bytes</p> <p>Support port/MAC binding and MAC filter</p> <p>Support MAC number limit based on port and based on VLAN</p> <p>Support anti-ARP spoofing, anti-ARP scanning and ARP binding</p> <p>Support DHCP Snooping and ND Snooping</p> <p>Support DAI</p> <p>Support standard IEEE 802.1x, extended IEEE 802.1x and Web Portal</p> <p>Support TACACS+</p>
Мультикаст	<p>Support IGMP v1/v2/v3 snooping and IGMP Fast leave</p> <p>Support MLD v1/v2 snooping</p> <p>Support multicast VLAN and IPv4/IPv6 DCSCM</p>
Качество сервиса	<p>Support ACL-based stream, VLAN ID, COS, TOS and DSCP</p> <p>Support aggregated PolicyMap</p> <p>Support PolicyMap binding based on port and based on VLAN</p> <p>Support single speed, single barrel and double color</p> <p>Support field rewriting of DSCP, COS/802.1p priority and TOS</p> <p>Support 8 queues per port</p> <p>Support queue scheduling algorithms of SP, WRR, SWRR and DWRR</p> <p>Support matching IP segment message</p>
Контроль доступа	<p>Support IP ACL, matching based on fields such as source/destination IP, IP protocol type, IP priority, TCP/UDP source and destination port number</p> <p>Support MAC ACL, message matching based on fields such as source/destination-based MAC, VLAN ID and COS</p> <p>Support IP+MAC combination ACL</p> <p>Support custom ACL</p> <p>Support effective ACL according to time range</p> <p>Support ACL binding based on port and based on VLAN</p> <p>Support ACL-based redirection</p> <p>Support execution of traffic statistical analysis function according to ACL matching</p>
Управление и обслуживание	<p>Support CLI</p> <p>Support IPv4/IPv6 HTTP</p> <p>Support IPv4/IPv6 FTP/TFTP</p> <p>Support IPv4/IPv6 SNTP/NTP</p> <p>Support radius authentication of telnet user name and password of IPv4/IPv6</p> <p>Support SSH of IPv4/IPv6</p> <p>Support Security IP security network management function</p> <p>Support syslog of IPv4/IPv6</p> <p>Support SNMPv1/v2c/v3</p> <p>Support MIB port, support Trap</p> <p>Support RMON 1, 2, 3 and 9 groups</p> <p>Support dual IMG and multiple profile</p> <p>Support LLDP</p> <p>Support port mirroring, CPU mirroring and RSPAN</p> <p>Support sFlow flow monitoring</p> <p>Support Reset one-key reset</p>

	Support OAM Support mirror sampling
Энергосбережение	Support 802.3az Energy Efficient Ethernet EEE Fan-free mute design to reduce noise
Размерность	165*140*60mm
Влажность	10%~90%, no condensation
Температурный режим	-40°C~85°C
Хранение	-40°C~85°C
Входная мощность	50 ~ 57 VDC
Сертификация	CE/FCC