



QTECH

THE WORLD CLOSER
IRAN OFFICE

لیت مقایسه محصولات

Russian developer of network
and telecommunication equipment

QTECH INTEGRATED SOLUTIONS

COMPANY EQUIPMENT OVERVIEW



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دسته بندی سوئیچ ها Switches

Ethernet access switches

- QSW3300-
- QSW3310-
- QSW3470-
- QSW3500-
- QSW3750-
- QSW4600-
- QSW4610-

Ethernet aggregation switches

- QSW3310-
- QSW3750-
- QSW4000-
- QSW6200-
- QSW6410-
- QSW8200-
- QSW8250-
- QSW8330-
- QSW98-XX

Industrial switches

- QSW2100-
- QSW2130-
- QSW2150-
- QSW3300-
- QSW3310-
- QSW3750-

Unmanaged switches

- QSW-1500-I
- QSW-1500-POE



Data Center Switches

- QSW6510-
- QSW6900-

لیست مقایسه Switches

Date		Name						
Saturday, August 1, 2020		Switch Comparison Chart						
Brand	QTECH	CISCO	QTECH	CISCO	QTECH	CISCO	QTECH	CISCO
Model	QSW-3310-12T-I-POE-DC	IE3200/8P2S-E Rugged	QSW-9807	Catalyst 4507R-E Switch	QSW-4610-28T-POE-AC	2960X24	QSW-8330-40F	NEXUS 9300 Series
Picture								
Level	L2+	L2+	L3	L2-4	L2+	L2+	L3	L3
10/100/1000 base-T ports	*	*	yes	yes	*	*	*	*
10/100/1000 base-T POE Ports	8 ports	8 ports	240	240	24ports	24ports	8ports	*
1000BASE-X SFP Ports	4 ports	4 ports	244	244	4 ports	2 ports	*	48 ports
Cooling type	passive	passive	active	active	active	active	active	active
POE+	yes	*	yes	yes	yes	yes	*	*
MAC Address Table Size	16K MAC Address	8K	72K MACAddresses	14K	16k MAC Addresses	16K	32k MAC Addresses	256K
Height,U	*	*	11	11	1	1	1	*
100GbE QSFP 28 Ports	*	*	*	*	*	*	*	6Ports
Max 40GB Port			60	*				
10GbE SFP+ Ports	*	*	240	62	*	*	*	*
IPv4 Routing Protocols	*	*	static PBR,RIPng OSPFv3,ISISv6, BGP4+	static PBR,RIPng OSPFv3,ISISv6, BGP4+	Static routing	*	static PBR,RIPng OSPFv3,ISISv6, BGP4+	ping, Traceroute, Equal Cost routing URPF, IPIP, GRE tun
Rrouting Protocols IPv6	*	*	static routing, equal-cost routing, policy routing, RIPng,OSPFv2/v3 BGP4+,IS-IS	static routing, equal-cost routing, policy routing, RIPng,OSPFv2/v3 BGP4+,IS-IS	*	*	static PBR,RIPng OSPFv3,ISISv6, BGP4+	*
Combo Ports 1000BASE-T/SFP	*	*	*	*	*	*	*	*
1000/100 base-X SFP Ports	*	*	40ports	62ports	4ports	2 ports	24 ports	*
10GbE SFO+ Ports	*	*	40	62	*	*	8 ports	*

لیست مقایسه FXO

Date	Name	
Saturday, August 1, 2020	FXO Comparison Chart	
Brand	QTECH	NewROCK
Model	QVGM-208-FXO	Mx8g-8Fxo
Picture		
Audio Codec Standard	AMR-WB (optional), Opus, G.722	G.722
Version	2020	2010
10/100/1000 Ethernet ports	10/100/1000	10/100/1000
Network Protocols	SIP2.0 over UDP / TCP / TLS RTP / RTCP / SRTP, STUN DHCP, PPPoE 802.1x, L2TP (Basic Unencrypted) / OpenVPN SNTP, FTP / TFTP HTTP / HTTPS, TR069	SIP2.0 over UDP / TCP / DHCPSTP, TFTP / HTTP / HTTPS, TR069
FXO ports	8	8
WEB Configure	✓	✓
Routing and number-manipulation rules	500	500
SIP Support	✓	✓
SIP Line Account	8	8
High availability & PSTN failover	✓	✓
Management Console	WEB/Telnet	WEB/Telnet
QOS	✓	✓
WAN Port	1	1
LAN Port	3	1
Support for fax transmission	✓	✓
Warranty	18 months	X
Official Agent	✓	X
Working temperature (°C)	-5~+50	-5~+45
Manufacturer	russia	china

لیست مقایسه OLT

Date	Name		Prepared by
Tuesday, November 19, 2019	OLT Comparison Chart		Behnam Ebrahimi
Brand	Huawei	QTECH	Eltex
Model	MA5608t	QSW-9010-16	MA4000-PX
picture			
New	ref	✓	✓
PON ports	16	16	16
Switching capacity (Gbps)	60	60	60
SFP Ports	2	8	4
10GbE SFP+ Ports	2	2	4
VLAN	4K	4K	4K
Operating Temperature (°C)	-5 to +65	-5 to +55	+5 to +55
Availability	sanction	✓	✓
Warranty	sanction	18 months	12 months
Management System	sanction	free	\$385



لیست مقایسه Access Point

Date	Name		Prepared by
Saturday, August 1, 2020	Access Point Comparison Chart		Technical Team
Brand	Cisco	QTECH	Eltex
Model	AIR-AP3802E-E-K9C	QWP-320-AC-VC	WEP 2 AC SMART
picture			
Simultaneous Dual-Band	✓	✓	✓
2.4 GHz Radio Rate	300 Mbps	300 Mbps	300 Mbps
2.4 GHz MIMO	2x2	2x2	2x2
5 GHz Radio Rate	750 Mbps	900 Mbps	867 Mbps
5 GHz MIMO	2x2	2x2	2x2
PoE Mode	802.3at	802.3at	802.3
Ceiling Mount	✓	✓	✓
Wall Mount	✓	✓	X
Wireless Uplink	✓	✓	✓
Interfaces	Ethernet 10/100/1000	Ethernet 10/100/1000	Ethernet 10/100/1000
Maximum TX Power	23dBm	29 dBm	18 dBm
Wi-Fi Standards	802.11a/b/g/n/ac	802.11a/b/g/n/ac	802.11a/b/g/n/ac
Wireless Security	WPA / WPA2 WPA-PSK / WPA2-PSK	WEP (64/128 bits) WPA / WPA2 WPA-PSK / WPA2-PSK	WPA/WPA2 encryption
BSSID	Up to 4 per Radio	Up to 4 per Radio	Up to 4 per Radio
Operating Temperature (°C)	0 C to +40 C	+5 C to +55 C	+5 C to +40 C
Concurrent Clients	200	180+	160+
Mesh	✓	✓	X
Roaming	✓	✓	✓
Captive Portal	X	✓	✓
Hotspot V2	X	✓	X
CVS	X	✓	X
Wireless Controller	✓	✓	✓

لیست مقایسه IP Phone

Date	Name		Prepared by	
Tuesday, September 1, 2020	IP Phone Comparison Chart		Technical Team	
Brand	QTECH	Yealink	CISCO	FANVIL
Model	QIP-P300	T2-E2 Ip	IP 7940	X3S
Picture				
Audio Codec Standard	AMR-WB (optional), Opus, G.722	G.722	G.720	G.722
Version	2020	2010	2007(Stock)	2009
10/100/1000 Ethernet ports	10/100	10/100	10/100	10/100
Network Protocols	SIP2.0 over UDP / TCP / TLS RTP / RTCP / SRTP, STUN DHCP, PPPoE 802.1x, L2TP (Basic Unencrypted) / OpenVPN SNTF, FTP / TFTP HTTP / HTTPS, TR069	SIP2.0 over UDP / TCP / DHCPSTP, TFTP/HTTP / HTTPS, TR069	SIP2.0 over UDP / TCP / DHCP, / TFTP	SIP2.0 over UDP / TCP / DHCP, / TFTP
POE	✓	✓	X	X
WEB Configure	✓	✓	X	X
Graphical LCD	✓	✓	X	X
SIP Support	✓	✓	X	✓
SIP Line Account	2	2	2	2
Local PhoneBook	1K	1K	400	400
Management Console	WEB/TFTP/Telnet/IP PHONE	WEB/IP PHONE	TFTP	WEB/IP PHONE
QOS	✓	✓	X	X
HeadSet Interface	✓	✓	✓	✓
Warranty	18 months	X	X	X
Official Agent	✓	X	X	X
Working temperature (°C)	-5~+50	-5~+45	-5~+45	-5~+30
Manufacturer	russia	china	USA	china

لیست مقایسه CCTV

Date		Name
Saturday, August 1, 2020		CCTV Comparison Chart
Brand	QTECH	hikvision
Model	QVC-IPC-202AS (2.8)	DS-2CD2123G0-I(S)
Picture		
Image sensor	1 / 2.8 " Starvis Sony Exmor CMOS	1/2.8" Progressive Scan CMOS
Sensitivity, lx	0.009Lux / F2.0 (Color), 0Lux / F2.0 (IR On)	Color: 0.01 Lux @ (F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR
Image enhancement	WDR 120dB, BLC, 2DNR, 3DNR, ROI	WDR: 120dB
Working temperature	-40 ° C ~ + 60 ° C	-30 ° C to +60 ° C
Video codecs	H.265 + / H.265 / H.264 + / H.264 / MJPEG	H.264 and H.265 encoding
Guarantee	3 years	2 years
IR illumination range, m	30	30
Max. viewing angle, gr.	109	135
Manufacturer	Russia	China



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of telecommunication
equipment**



GPON



Ethernet



Data Center



Server



Video Wall
Monitors



Wireless



IPTV



CCTV



VoIP

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