SHARP

無線スマートネットワーク

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Wireless LAN access point <QX-C300 series>

Suggested retail price: 335,000 yen + tax

製品ラインアップ

Wireless LAN access point QX-C300 series

Network camera QG-B20C
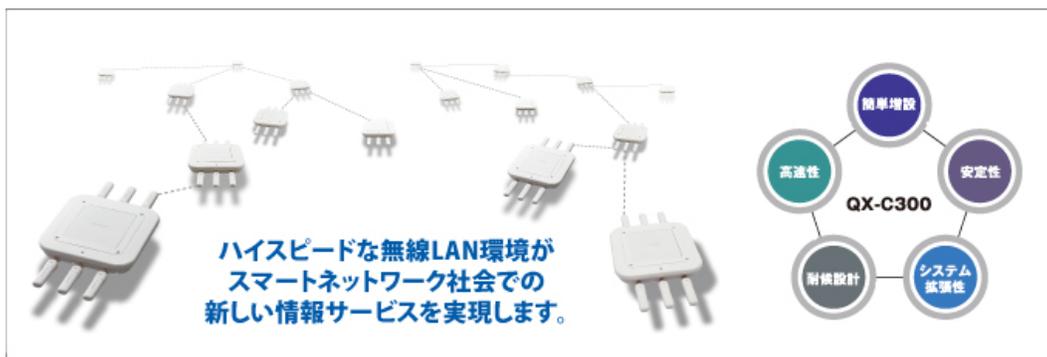
Product Features   Specifications Table   Peripheral equipment

Wireless backhaul system access point to achieve a high speed in a stable comfortable network connection

◎ in IEEE802.11ac specifications, 3 × correspond to the high-speed data transfer of 3MIMO
◎ corresponding to speeds of up to 1.3Gbps, which corresponds to about three times the IEEE802.11n access point
◎ radio interference less 4.9GHz band corresponding model deployment (please use of environment expand the combined 4 model)
◎ 1 access point per client up to 126 units can be connected
◎ also flexibly respond to the relocation and extension of the access point
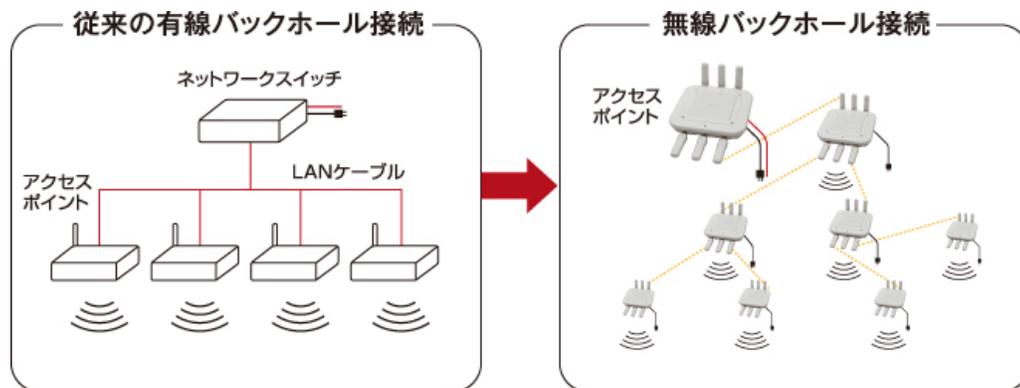
Conventionally, LAN wiring to the access point, but it was necessary, wiring is not required by the wireless backhaul, you can build a flexible wireless LAN network.

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Achieve a throughput degradation is less high-speed connection in a multi-stage hop

**Also piled the hop of more than one access point, and then maintain the attenuation of**

less high-speed connection. (Up to a maximum of 20 hops)

**Access point / backhaul
equipped with a dedicated high-speed engine
of each**
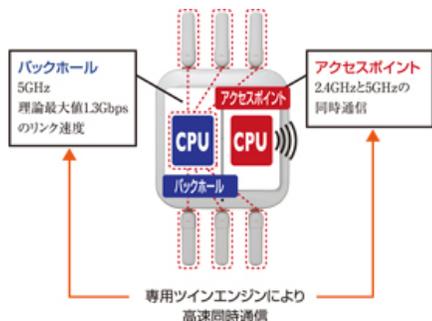
**Mounting a dedicated radio module independent for uplink,
respectively for the downlink**

**Assign an individual channel to multiple backhaul link
multi-channel system wireless backhaul**
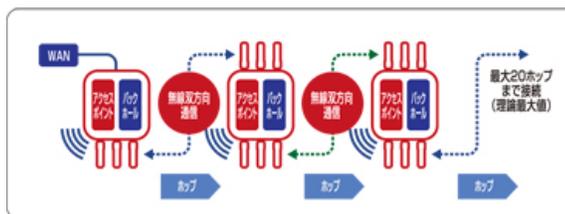

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Achieve a stable network connection

Optimal channel assignment

Installing the camera or when the access point, when radar detected, selects the best channel is radio wave condition, you can set.

Instant routing switching

Corresponding to the abnormality or changes in the radio conditions of the backhaul, to avoid the disconnection of the network by the instant routing switching.
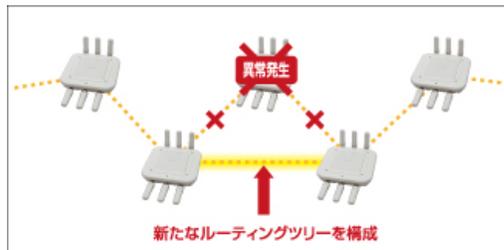
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Security Features

◆ security support: Open, WEP, WPA / WPA2mixed-PSK, WPA2-PSK, WPA / WPA2mixed-EAP (802.1X), WPA2-EAP (802.1X) configurable

◆ MAC access control: 200 units up to the access point unit

◆ administrator address restrictions: IP address can be specified

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Weather design

◆ waterproof and dust-proof design (IP66 compliant)

◆ wind speed performance up to 60m / sec.

◆ Operating temperature -20 ℃ ~ 50 ℃

◆ Operating humidity 10% to 90% (non-condensing)

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Sub-GHz wireless sensors and collaboration can be wireless unit

The Sub-GHz radio support of various sensors and possible cooperation Sub-GHz wireless unit will provide as a manufacturer option.

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System / tools that support the operation of the access point

	Installation design support tool	Wireless LAN software controller		Wireless LAN Remote Monitoring Service	
Service contents	It offers installation design support tool for building an efficient network environment in the QX-C300 series.	Network configuration and life-and-death monitoring, offers a software controller for collectively remotely monitor the status of each access point.		It offers service to inform the abnormality of the network and each access point in the e-mail. ※	
Providing form	PC application	Cloud edition	○	Cloud edition	○
		An on-premises version	○		

Automatic detection by monitoring server ※, automatic notification (e-mail) is, 24 hours a day, 365 days a year running

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news

Sharp, outdoor / commercial facility for wireless LAN access point corresponding to the radio relay between devices

(2015/6/9 06:00)

Sharp, in such as a shared space of the outdoor public space and commercial facilities, announced that it will start accepting orders for the wireless LAN access point "QX-C300 series" 4 model that can build a easy wireless LAN environment. Sale period is January 2016.

QX-C300 series

By relaying between devices by radio waves, you can expand the service area in the LAN wiring work required for the expansion adopt a "wireless backhaul system". Less signal attenuation is when the relay, can be kept optimum connection state managing the communication state at all times. By also corresponds to the 5GHz band (IEEE 802.11ac), to achieve a stable high-speed connection.

Wireless backhaul system
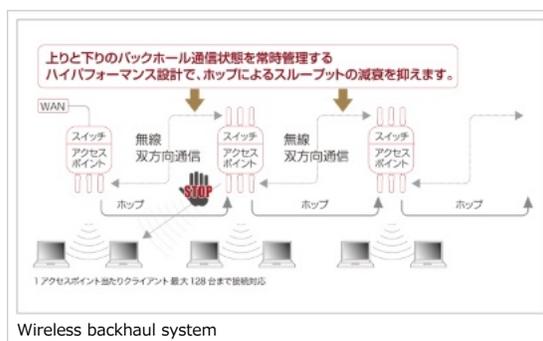
Upon detection of a radio that is preferentially like air traffic control, equipped with "radar scanner function" to avoid as far as possible to stop the communication service. Corresponding to the outdoor installations can also be waterproof and dustproof design, installation environment by combining a variety of antenna (optional) in response to, you can easily build a stable wireless LAN environment outdoors as well as indoors.

By separately mounting the unit scheduled to be released, also supports Sub-GHz radio (specified low-power radio of the 920MHz band). And various

sensors such as temperature, humidity and human presence, surveillance cameras, by collecting information from a digital signage can be constructed a variety of services and solutions.

Product line-up, the standard model, standard antenna use "QX-C300", of the standard model and long-distance plane antenna use "QX-C300H", the 4.9GHz band corresponding model standard antenna use "QX-C300J", 4.9GHz four models of "QX-C300JH" of the band corresponding model and long-distance plane antenna use. Suggested retail price none of the 335,000 yen (excluding tax).

Access point side of the wireless LAN standard, corresponds to the simultaneous operation of the 2.4GHz band (IEEE 802.11b / g / n) and the 5GHz band (IEEE 802.11a / n / ac). Built-in antenna is 3 × 3 MIMO. Radar scanner function (at the time of the 5GHz band operation), and a beam-forming function. Backhaul (relay) side of the wireless LAN standard in the 5GHz band (IEEE 802.11a / n / ac), 4.9GHz band corresponding model also corresponds to the IEEE 802.11j. Body size of 235.8 × 246.8 × 42mm (scheduled, excluding protrusions). Weight is about 2100g (planned).

Sharp, exhibited at the "Interop Tokyo 2015" to be held at Makuhari Messe on June 10 to 12 days, to introduce the aircraft.

URL

Press release
Http://Www.Sharp.Co.Jp/corporat E / News / 150608-A.Html
Product introduction
Http://Www.Sharp.Co.Jp/business/smartnet Work /

Related article

Sharp, the industry's first all directions 4K3K shooting enabled network camera "QG-B20C"   (2016/03/04)

(Hideki Mitsuyanagi)

 Mobile　 Entertainment　Twitter　YouTube　Vine　RSS

| Hot topic | iPhone SE | iPad Pro | Cheap smartphone | Apple | Engineer women | Smart Lock | Electricity liberalization | VR (virtual reality) | Gadget Revi |

🏠 > Enterprise > Hardware > article

Enterprise ／ **Hardware**　　　　　　　　　　　　June 8, 2015 (Mon) 15 hour 54 minutes

[Interop 2015 Vol.6] Sharp, "wireless backhaul" the adoption of wireless LAN access point

Sharp 8 days, outdoor and commercial facilities, hospitals, etc., easy wireless LAN environment has started taking orders for the wireless LAN access point "QX-C300

f　　　One　　　　　🐦　　　Tweets

🚩 Interop Tokyo 2015 special editing

| home | IT・digital | business | Entertainment | life | SPEED TEST | Crime-prevention system | Events / Semir |

🔴 Topic of inbound business is found! "Travel Journal MEMBERS" start-up!

2015 , to exhibit the machine.　New product does not perform the LAN wiring work, to relay between devices by radio waves in the "wireless backhaul system", possible expansion of the service area. Also supports 5GHz band (IEEE 802.11ac), allowed the stable high-speed connection. Such as air traffic control to avoid as much as possible when it detects a radio that is preferentially also equipped with "radar scanner function". Since then corresponds to the waterproof and dustproof design, it can be installed outdoors.　New products, "QX-C300" standard antenna used in the standard model, "QX-C300H" of long-distance plane antenna used, the standard antenna used in the 4.9GHz band corresponding model "QX-C300J", long-haul plane antenna use 4 product of "QX-C300JH" of. Suggested retail price none of the 335,000 yen + tax. To start selling from January 2016.

[Interop 2015 Vol.57] Juniper, 100GbE switches wi…

✉ Send a message to the editorial department

"Akira Tomioka"

[Article of attention] [PR]

> [Playing with fire strictly prohibited! Cash to be taken! Affair of alimony of the market (money go land)](#)

> Pet Supplies forefront! ! Five of use car goods for fun drive of the dog! (RBB TODAY by Honda Access)

> 2020, or will you realize automatic operation of the car ...! ? Challenge in the camera and the radar! (TEN)

> See the "true child of the expression" between the parents of the dog. Kindergarten state-of-the-art utilizing ICT (Risemamu by mimory)

> Manufacturing of Fujitsu Ten women leader told. Way from planning to development (TEN)

Special-series

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いいね！	ツイート	G+1	ブックマーク

Article in the editorial department recommended
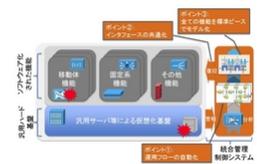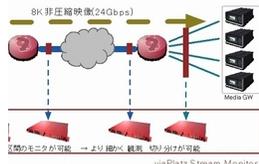
[Interop 2015 Vol.5] Pratt home, implementing the IoT demonstration using the new product of the forthcoming
2015.6.5 (Fri) 16:32

[Interop 2015 Vol.4] NTT-IT of "viaPlatz stream Monitor" is a corresponding 100Gbps
2015.6.5 (Fri) 15:21

[Interop 2015 Vol.3] KDDI R & D Laboratories, et al., Unveiled at ShowNet operational automation demonstration of SDN / NFV era
2015.5.29 (Fri) 12:24

[Interop 2015 Vol.2] Huawei, Japan debuted a flagship product　2015.5.29 (Fri) 11:25

[Interop 2015 Vol.1] theme is "Endless Possibilities", held on June 10 to 12 days　2015.5.28 (Thu) 15:09

Toshiba and Microsoft, alliance in the IoT area　2015.6.3 (water) 19:54

Google, IoT platform for "Brillo" announcement　2015.5.29 (Fri) 14:05

NEC, developed a low-load communication technology for mobile network　2015.4.8 (water) 15:00

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the latest news

Recommended by

New cheap SIM of "LTE Unlimited" is released in Yodobashi! FON of free

Sale today! Comparison review the "iPhone SE" 4-inch came back with the

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Disappointing? Purchase decision? Analyze the point of iPhone SE & iPad

Norika Fujiwara, voice of the acclaimed 36-year-old mother-to-child photo

New flavor of Orangina, in the home France was "evil character"!

...... Boy crying happening rare incident in the Esayari dog

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Tokyo Disney Sea 15th anniversary of the eve Mickey & Minnie also greeting in special costumes

Amazon, "purchase service" end

NTT East, badminton, Kenichi Tago of dismis announcement

Shiina Ringo NHK "Gatten!" Theme son

Interop Tokyo 2015

[Interop 2015 Vol.59] Kanagawa Institute of Technology, multi-point multi-rate delivery demonstration of 8K / 4K uncompressed image

June 16, 2015

**[Interop 2015 Vol.58] network recorder of the high-speed data packet loss without capture ...... Napatekku**

June 15, 2015

[Interop 2015 Vol.57] Juniper, 100GbE switches with its own ASIC

June 15, 2015

Corporate wireless LAN access point
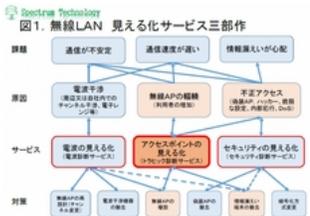
Traffic diagnostic services of the wireless LAN, the start of the spectrum technology to provide

January 7, 2016
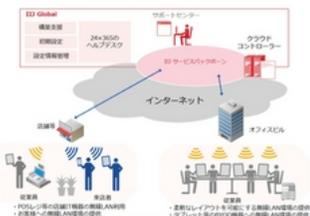
IIJ Global, to provide bulk to the operational management from building "@WiFi" announcement

August 5, 2015

D-Link, a medium-sized wireless LAN controllers and access points appeared

April 2, 2015

Access Ranking

1 **Finally realized "air d that can pass throug**

2 **[SS2015 report 045] C comparison exhibited camera and 2-megap camera**

3 **[Fujitsu Forum 2010 (V significantly reduce the**

sharp

Sharp acquisition of Hon Hai,

[Report] usability of cheap

Sharp of the financial crisis, "on

signing the final settlement ......
definitive agreement
April 4, 2016

Smartphone "Ionsumaho" is?
March 16, 2016

top of the notice that is said to
Bakaka" announced the hiring
of new graduates in fiscal 2017
March 1, 2016

degeneracy time, impro
business continuity in a
virtualized environmen

4 Server customer
satisfaction top for
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PRIMERGY BX" Fujits
Eid Awards

5 Rikei, start the sale o
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More Access Ranking ➔

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Wireless LAN

Rabbit Island in the Seto Inland
Sea, to the Wi-Fi area expansion
with tourists correspondence
March 18, 2016

Education support site "schools
and ICT", describes the wireless
LAN basic knowledge for teacher
February 9, 2016

Possible DL the next generation
wireless LAN demonstration
experiment ...... 120 minutes of
video in 10 seconds at Narita
Airport
February 3, 2016

hardware

What products? Contract
Microsoft and Rakuten in patent
March 11, 2016

EMC Japan, all flash storage new
products and announced an
ultra-low-latency shared storage
system
March 2, 2016

Held at Tokyo Big Sight in 2nd
wearable EXPO, 1 May 13
2015 December 22

Enterprise Topics

DoCoMo also "new generation
stuffed" is followed by au!
Connecting the elderly 11
million households and families
"Kokokuma"
March 30, 2016
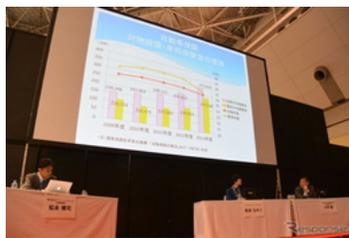
Automobile or insurance is no
longer a fully automatic
operation?
March 19, 2016

"I want to encourage the use of
dispatch application" ...... Tokyo
Higher Taxi Association
chairman Kawanabe
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Pickup

[Gadgets Institute of series-
adult] very man of gear! "Casio's
first" smart watch "WSD-F10"

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business "now" can be seen!

[Feature] near future! Smart
Lock of the world
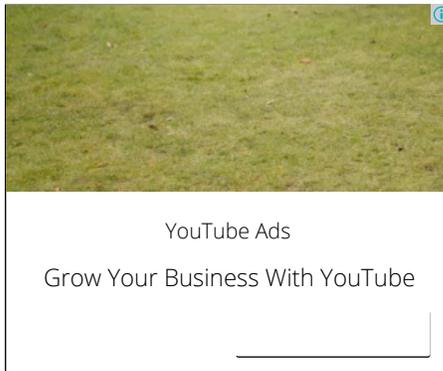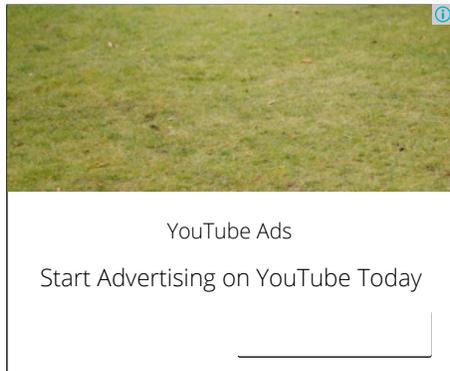
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