

@CELL LAN Access Point Specifications

WiFi	Protocol	802.11/a/b/g (alternative)
	Standard	IEEE802.11a(W52) IEEE802.11g/IEEE802.11b
	Security	WPA2, WPA, WPA2-PSK, IEEE802.1x/EAP, OCB AES(128bit), WEP(64/128/152 bit) MAC address filtering, ANY request reject
LAN	Standard	IEEE80.3(10Base-T), IEEE802.3u(100Base-TX)
	Interface	RJ45 x 1
Serial port	Protocol	RS-232C
	Interface	RJ11 x 1
General Spec.	Setting	Web browser, Telnet, Serial Console
	Dimensions	120(W) x 103(D) x 29(H) mm
	Weight	400g (body)
	Functions	DHCP server, PoE(802.3af), tag VLAN, Spanning tree, NTP client, SNMP, SYSLOG, Maintenance(via Web, Telnet, Serial Console)

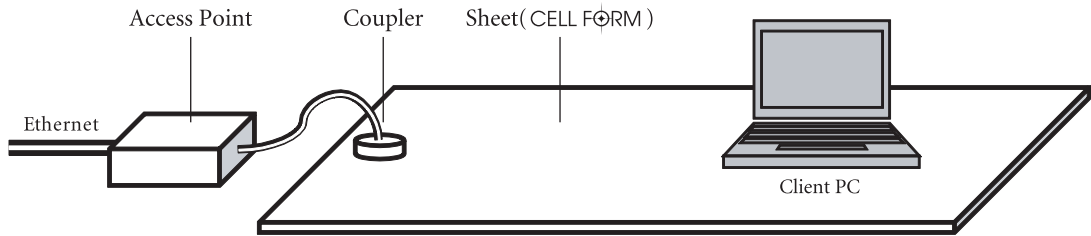
@CELL LAN Coupler Specifications

General Spec.	Frequency	2.4GHz band, 5.2GHz band
	Interface	SMA-J
	Impedance	50 ohm
	Dimensions	60(ϕ) x 18(H) mm
Cable	Length	2 m (Coaxial 50 ohm)
	Interface	SMA-P x 2

@CELL LAN Sheet (CELL FORM)Specifications

General Spec.	Dimensions	2400(W) x 640(D) mm (Maximum)
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@CELL LAN Product Configurations



※Specs are subject to change
※CELLCROSS, @CELL, @CELL LAN are TM of CELLCROSS Co., Ltd
※CELL FORM is TM of TEIJIN Fibers Limited

Easy! Only put your PC on the sheet to get network

@CELL LAN™

“Security”, “Stability” and “Easy installation” at once.

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2 dimensional communication

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

FCC RF Radiation Exposure Statement

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause

harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

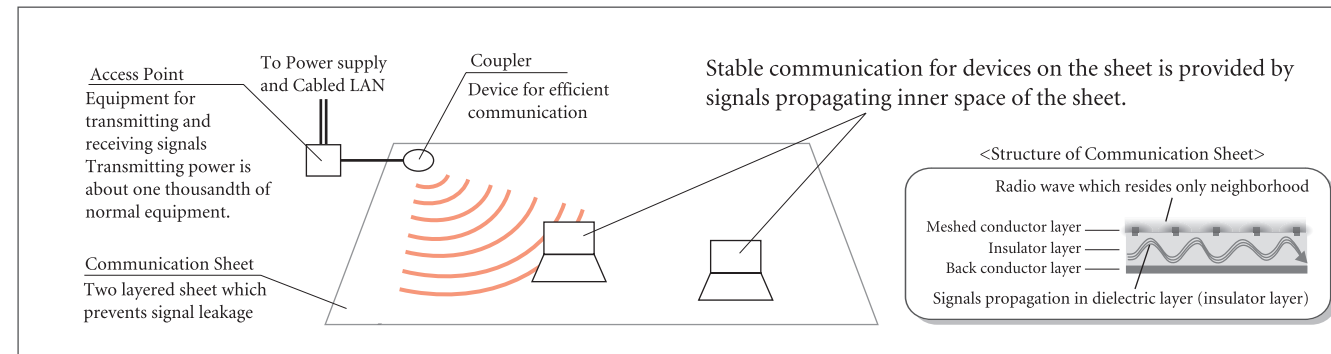
You'll get at once!

Easy! Only put your PC on the sheet to connect to network.

@CELL LAN™

Security

- ◆ Signals reside only neighborhood of the sheet and malicious external third party user cannot get access and bugging.
- ◆ Each area can have its own network management to establish zone security. This capability provides also attendance control tool.
(Only with required software)



Contiguous tenant



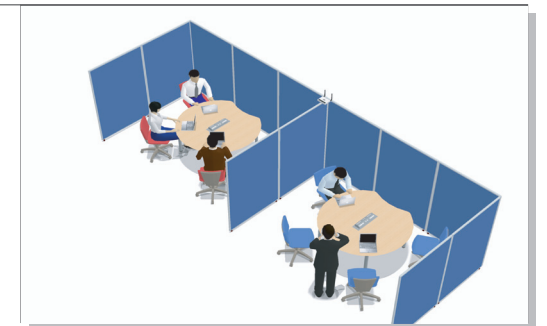
- No cross talk and interference
- Prevention of information leakage

Face to face service shop



- Stable connection and communication speed
- Access control according to area

Meeting space



- Each meeting has each access right to information
- Hacking difficulties from outside of the booth

Meeting room



- Simple layout without cabling
- Stable communication despite increase of attendees

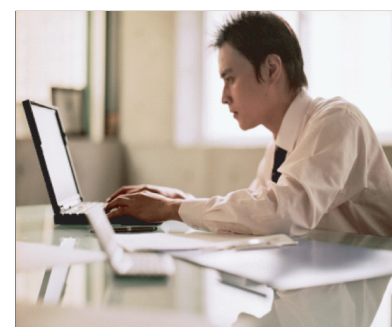
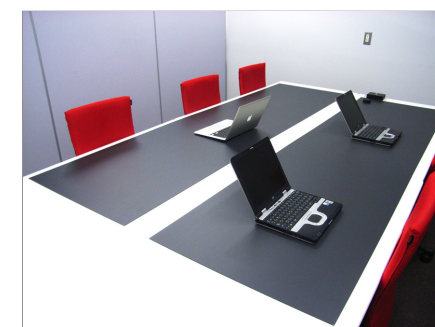
Non-territorial office



- Put your PC on, get connection
- Attendance control

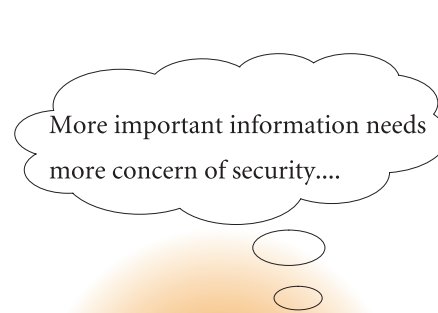
Stability of connection

- ◆ Signals are stably-distributed and propagate equally within the sheet.
- ◆ No communication loss caused by interferences of AP's.
- ◆ All people around sheet can get network without cable link. No limitation of connections caused by number of outlet.



Easy installation

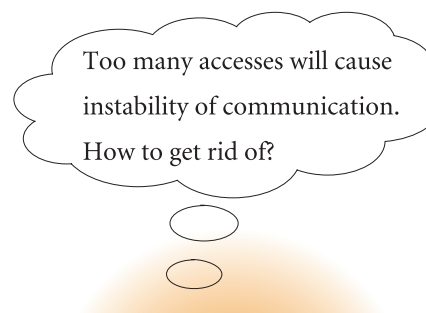
- ◆ Incorporated WiFi or WiFi card provides network connection without special component and difficult setting.
- ◆ No interferences between AP's, and no site survey required.
- ◆ No laborious engineering work, less cost for installation.



More important information needs more concern of security....

Anxiety about security

- ✓ Difficulties of access rights control.
- ✓ If encryption is unsafe, information is stolen.
- ✓ How to know if accessed from outside?



Too many accesses will cause instability of communication. How to get rid of?

Instable communication

- ✓ Radio obstacles interfere with connections.
- ✓ More people, less communication speed.
- ✓ Radio interferences cause instability of connection.



Too much cost for WiFi installation....

Laborious planning or engineering work

- ✓ Cabling work
- ✓ Dangerous high-place work for WiFi
- ✓ Laborious site planning