

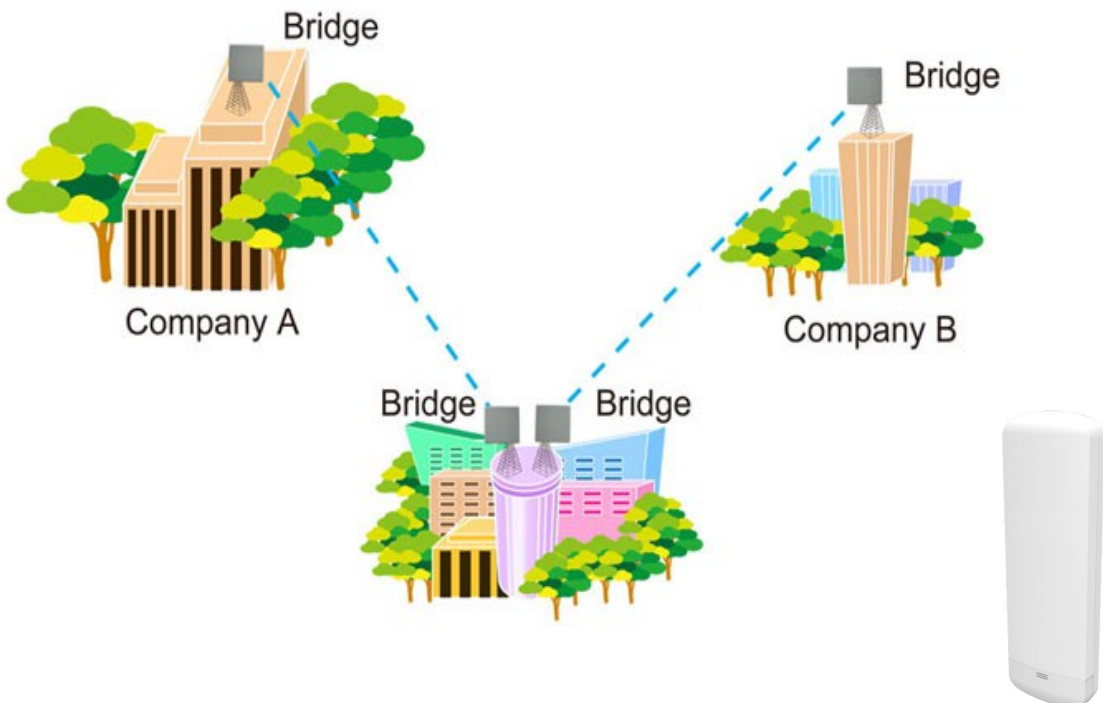
KWA-O6070AC-I MIMO 833Mbps Outdoor Bridge 5 GHz

Formosa KWA-O6070AC-I 802.11ac Wireless MIMO Bridge provides reliable and predictable Wireless Bridge Connection or Wi-Fi Coverage.

With these wireless access points you can:

- Augment throughput for high-bandwidth wireless applications
- Protect your investment in wireless networking
- Increase network reliability for high bandwidth applications

- Data rates of 833 Mbps
- Multiple input, multiple output technology for enhanced reliability
- 5GHz radio module



TOUCH AND CONNECT!™

WNet
Green Network™

WiVIEW 2, Managed Tool

| No | Status | Model Name | IP Address | Location | Routing | Description |
|----|--------|-------------|--------------|----------|--------------|--------------|
| 1 | ● | KWA-O1850-I | 192.168.3.1 | | 192.168.3.2 | WIFDD |
| 2 | ● | KWA-O1850-I | 192.168.3.2 | | 192.168.3.1 | WIFDD |
| 3 | ● | KWA-O1850-I | 192.168.3.3 | | 192.168.3.4 | WIFDD |
| 4 | ● | KWA-O1850-I | 192.168.3.4 | | 192.168.3.3 | WIFDD |
| 5 | ● | KWA-O8800-I | 192.168.3.5 | | 192.168.3.6 | WITDM |
| 6 | ● | KWA-O8800-I | 192.168.3.6 | | 192.168.3.5 | WITDM |
| 7 | ● | KWG-O6020-I | 192.168.3.7 | | 192.168.3.10 | BGN_AP |
| 8 | ● | KWA-O6020-I | 192.168.3.8 | | 192.168.3.9 | Bridge |
| 9 | ● | KWA-O6020-I | 192.168.3.9 | | 192.168.3.8 | Bridge |
| 10 | ● | KWA-O670R | 192.168.3.10 | | 192.168.3.7 | BGN_Repeater |



Bridge Location on the MAP

Specifications

| | | | |
|-------------------|--|-----------------------|---|
| Chipset | RTL8197D + RTL8812AR | Operation Mode | AP / Router Bridge Client |
| Standard | IEEE 802.11ac | | |
| Frequency | 5.15GHz ~ 5.825GHz | | |
| Flash/SDRAM | 16 M / 64 M | Security | 64/128bit WEP WPA(TKIP with IEEE 802.1x) WPA2(AES with IEEE 802.1x) WPA Mixed 802.1x authentication |
| LAN/WAN Speed | 10/100/1000Mbps (Gigabit) | | |
| Antenna | 2x2 14 dBi | | |
| Channel Width | 20 / 40 / 80M | Operation Temperature | -30°C ~ 60°C |
| Data Rate | 802.11a: up to 54Mbps 802.11n: up to 300Mbps 802.11ac: up to 833Mbps | Storage Humidity | 10% ~ 90% (Non- condensing) |
| LED Indicated | Signal, WAN, LAN, WLAN | Dimension(mm) | 300 x 80 x 30 mm |
| Power requirement | PoE: 24V Passive PoE | Weight | 0.4kg |

RF Specifications [Tolerance ± 2dB]

| Data Rate | TX | RX |
|-----------------------|----------|-------------|
| 11ac VHT20/40/80 MCS9 | 24/24/24 | -63/-60/-57 |
| 11ac VHT20/40/80 MCS8 | 24/24/24 | -64/-62/-60 |
| 11ac VHT20/40/80 MCS7 | 24/24/24 | -70/-67/-64 |
| 11ac VHT20/40/80 MCS6 | 25/25/24 | -71/-68/-65 |
| 11ac VHT20/40/80 MCS5 | 25/25/24 | -72/-69/-66 |
| 11ac VHT20/40/80 MCS4 | 26/26/24 | -76/-73/-70 |
| 11ac VHT20/40/80 MCS3 | 27/27/24 | -80/-77/-74 |
| 11ac VHT20/40/80 MCS2 | 27/27/24 | -83/-80/-77 |
| 11ac VHT20/40/80 MCS1 | 28/28/24 | -85/-82/-79 |
| 11ac VHT20/40/80 MCS0 | 28/28/24 | -88/-85/-82 |
| 11a 54M | 25 | -71 |
| 11a 48M | 26 | -72 |
| 11a 36M | 27 | -76 |
| 11a 24M | 28 | -80 |
| 11a 18M | 28 | -83 |
| 11a 12M | 28 | -85 |
| 11a 9M | 28 | -87 |
| 11a 6M | 28 | -88 |