

Long Distance, High Bandwidth

KW8600 Series WiTDM® P2MP Outdoor Bridge

400MHz / 700~900MHz / 1.8~1.9GHz / 2.3~2.5GHz
2.7~2.9GHz / 3.5GHz / 4.4~4.9GHz / 4.9~6.1GHz

WiTDM Wireless Broadband product line are adopting Wireless TDMA concept to provide an affordable and reliable rural connectivity. All of products are high-performance outdoor-deployable wireless bridge that provides wireless connectivity between multiple network locations. With the high throughput and long-distance transmission, it is the appropriate backhaul solution for Carriers, Service Providers and Enterprises.

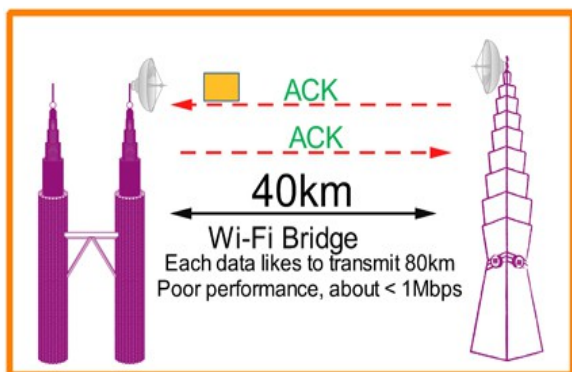
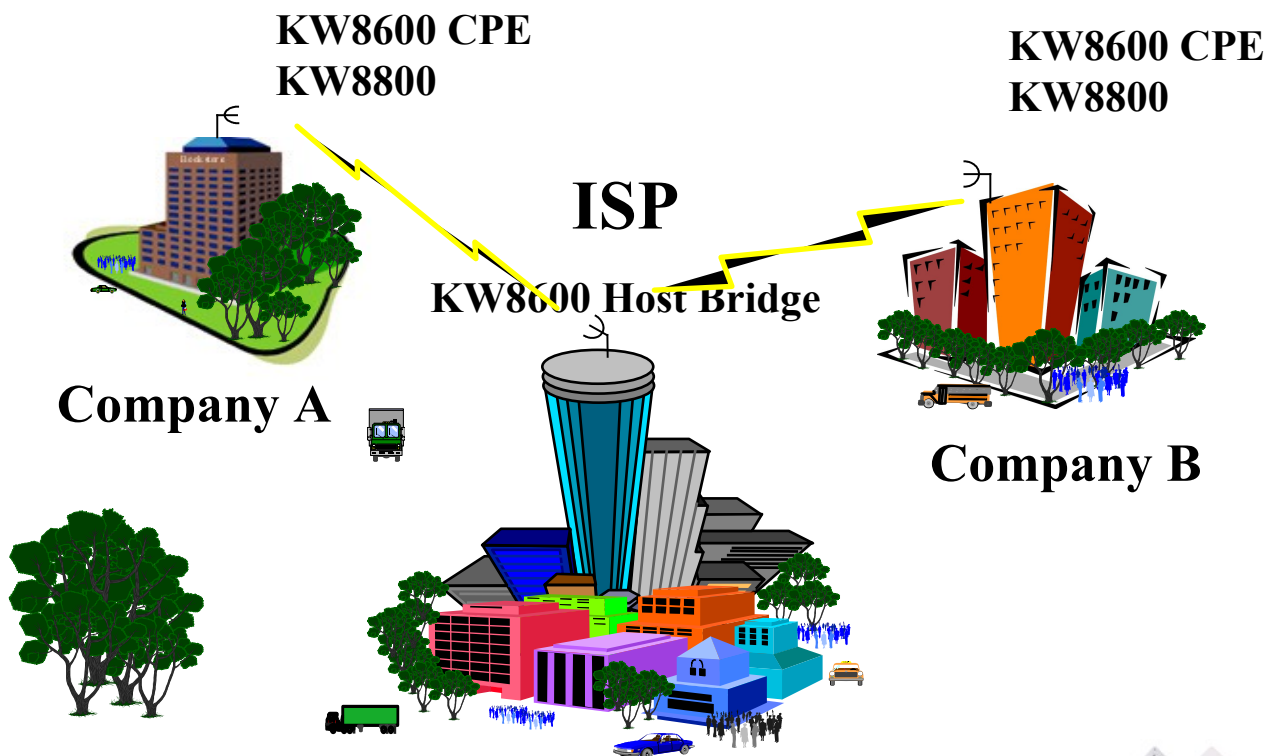
Key Features & Benefits

- Anti-Interference
- IP68 Qualified / Reliable Outdoor Enclosure
- Waterproof
- Vent design
- TDD QoS
- Good Balance on low Cost and High Performance
- Actual reachable testing range > 50 km
- High throughput
- Support point to point , point to multi point
- Ready for Next Generation Technology
- High security (AES 256bit)
- Ease of Installation (Real time Link Test for Local and Remote RSSI)
- Transmit Power Control
- Bandwidth Control (40 / 20 / 10 / 5MHz)
- Wireless TDMA (TDD Mode)
- **KW8650 (60Mbps@40Km) / KW8600 (40Mbps@40Km)**

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WiVIEW 2, Managed Tool

WiVIEW 2011 - Bridge Vision						
File Bridge Map Log Alarm About						
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

HARDWARE	
Memory	16MB Flash + 32MB SDRAM
LAN	1 x 10/100BaseT RJ-45 with Auto-MDIX
Power Over Ethernet (PoE)	Yes (802.3af)
Default Button	Yes
Enclosure	Metal Case, IP 68 Verified
Lighting Protect	From Ethernet
FEATURE	
Operating Mode	Bridge (P2P / P2MP)
Link Test Tool	Yes (Real Time Local and Remote RSSI)
Radio Bandwidth	20 /40 Mbps
TDMA	Yes
TDM Coordination	Yes
QoS	TDD / 802.1P
Channel Selection	Yes
Auto Channel	Yes
DFS/TPC	Yes
Spanning Tree (STP)	Yes
VLAN	Yes (802.1Q)
NetBIOS Name	Yes
Space In Meters	Yes (Auto)
NTP Client	Yes
CLI	Yes (SSH)
Backup / Restore	Yes
System Log	Yes
Remote Log Server	Yes
SECURITY	
Encryption	AES 256bit
MANAGEMENT	
Web Base Management	Yes
SNMP V.2	Private MIB, 802.11 MIB
Windows Tool	Yes, WiVIEW 2
PHYSICAL	
Operating Temperature	-30 ~ 80C
Operating Humidity	10 ~ 95% RH

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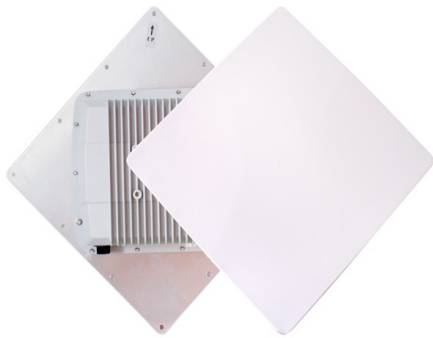
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Model	Frequency MHz	Antenna dBi	Output Power dBm	Sensitivity dBm	Dimension mm	Weight Kg
KW04-O8600	420-450	N Jack	27	-93	259 x 250 x 75	1.8
KWM-O8601	763-778	N Jack	28	-92	259 x 250 x 75	1.8
KWM-O8601-I	763-778	9	28	-92	410 x 410 x 85	3.0
KWN-O8600	903-928	N Jack	23	-92	259 x 250 x 75	1.8
KWN-O8600-I	903-928	12	23	-92	410 x 410 x 85	3.0
KW19-O8600	1,850-1,915	N Jack	30	-95	259 x 250 x 75	1.8
KWF-O8600	2,312-2,392	N Jack	23	-92	259 x 250 x 75	1.8
KWF-O8600-I	2,312-2,392	19	23	-92	330 x 300 x 81	2.9
KWF-O8601	2,312-2,472	N Jack	23	-92	259 x 250 x 75	1.8
KWF-O8601-I	2,312-2,472	19	23	-92	330 x 300 x 81	2.9
KWG-O8650	2,412-2,472	N Jack	23	-92	259 x 250 x 75	1.8
KWG-O8650H	2,412-2,472	N Jack	29	-92	259 x 250 x 75	1.8
KWG-O8650-I	2,412-2,472	19	23	-92	330 x 300 x 81	2.9
KWG-O8600	2,412-2,472	N Jack	23	-92	259 x 250 x 75	1.8
KWG-O8600H	2,412-2,472	N Jack	23	-92	259 x 250 x 75	1.8
KWG-O8600-I	2,412-2,472	19	23	-92	330 x 300 x 81	2.9
KWQ-O8601	3,650-3,710	N Jack	22	-90	259 x 250 x 75	1.8
KWQ-O8601-I	3,650-3,710	18	22	-90	330 x 300 x 81	2.9
KWR-O8600	4,400 ~ 4,900	N Jack	20	-92	259 x 250 x 75	1.8
KWR-O8600-I	4,400 ~ 4,900	21	20	-92	335 x 335 x 81	2.9
KWR-O8650	4,400 ~ 4,900	N Jack	20	-92	259 x 250 x 75	1.8
KWR-O8650-I	4,400 ~ 4,900	21	20	-92	335 x 335 x 81	2.9
KWA-O8600	5,120-6,060	N Jack	25	-90	259 x 250 x 75	1.8
KWA-O8600-I	5,120-6,060	23	25	-90	335 x 335 x 81	2.9
KWA-O8650	5,120-6,060	N Jack	25	-90	259 x 250 x 75	1.8
KWA-O8650-I	5,120-6,060	23	25	-90	335 x 335 x 81	2.9
KWA-O8601	4,920-5,100	N Jack	18	-92	259 x 250 x 75	1.8
KWA-O8601-I	4,920-5,100	23	18	-92	335 x 335 x 81	2.9
KW65-O8600	5,925-6,425	N Jack	28	-90	259 x 250 x 75	1.8

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KWA-O8600-I
KWA-O8650-I
KWA-O8601-I
KWR-O8600-I
KWR-O8600-I



KWG-O8600-I
KWG-O8650-I
KWM-O8601-I
KWN-O8600-I
KWF-O8600-I
KWF-O8601-I
KWQ-O8601-I
KWL-O8601-I



KW04-O8600
KWA-O8600
KWA-O8650
KWG-O8600/H
KWG-O8650/H
KWM-O8601
KWL-O8601
KW19-O8600
KWN-O8600
KWF-O8600
KWH-O8600
KWQ-O8601
KWR-O8650
KWR-O8600
KW65-O8600



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