

Portable Surveillance Solution

KW7460 Series *Portable* WiMESH Bridge

5 GHz

Design to protect and guide your elite units and have them traced throughout their entire operations.

Support recording directly with both video and audio and to monitor an individual or group such as banks, casinos, airports, military installations, and convenience stores when there are emergencies such as fire, natural disaster or when a temporary surveillance or security environments are needed and have all the precious information sent back to their control center in real time.



MCU
Mobile control Unit



WiMESH®

TOUCH AND CONNECT!™

WNet
Green Network™

HARDWARE	
LAN	1 x 10/100/1000 BaseT RJ-45 with Auto-MDIX
Power In	DC 12V 1A
Default Button	Yes
Enclosure	Metal
LED	Power / Link
Power Consumption	8W (KW50-7460) / 12W (KW50-7460-5W) / 16W (KW50-7460-D5W)
FEATURE	
Operating Mode	WiMESH (Unstructured, Server / Client, Hybrid Server, Hybrid Client)
Link Test Tool	Yes (Real Time Local and Remote RSSI)
Channel Bandwidth	5 / 10 / 15 / 20 / 30 / 40 MHz
MESH Diagnose	Yes
DFS/TPC	Yes
NTP Client	Yes
Modulation	OFDM
CLI	Yes (SSH)
Backup / Restore	Yes
System Log	Yes
Remote Log Server	Yes
SECURITY	
Encryption	WPA / WPA2
MANAGEMENT	
Web Base Management	Yes
SNMP V.2	Private MIB
Windows Tool	Yes (WIVIEW)
PHYSICAL	
Operating Temperature	-10 ~ 50C
Operating Humidity	10 ~ 95% RH
Color	Gray Green

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SISO, Single Stream (SS)

Modulation	BPSK			16QAM		64QAM		
	FEC	1/2	3/4	1/2	3/4	2/3	3/4	5/6
Throughput @5MHz Mbps	0.9	2.2	3.3	4.3	6.9	9.0	10.3	12.5
Throughput @10MHz Mbps	2.4	4.7	7.2	9.4	14.7	19.7	23.8	26.5
Throughput @20MHz Mbps	5.0	10.0	15.5	20.4	31.9	41.8	48.0	56.2
Throughput @40MHz Mbps	9.8	21.7	33.0	46.0	69.1	92.0	103.4	126.2
Sensitivity @ 20MHz dBm	-91	-89	-87	-84	-81	-78	-76	-74
Output Power @ 20MHz dBm	22	22	22	21	21	20	20	20

MIMO, Dual Stream (DS)

Modulation	BPSK			16QAM		64QAM		
	FEC	1/2	3/4	1/2	3/4	2/3	3/4	5/6
Throughput @5MHz Mbps	0.9	2.3	3.1	9.8	14.8	20.0	22.6	24.7
Throughput @10MHz Mbps	2.2	4.7	7.1	20.6	31.3	42.7	48.0	53.0
Throughput @20MHz Mbps	4.7	10.2	15.2	45.2	67.4	88.6	98.3	104.1
Throughput @40MHz Mbps	10	20.9	32.8	91.7	134.3	169.0	179.0	204.8
Sensitivity @ 20MHz dBm	-90	-89	-87	-84	-81	-78	-76	-74
Output Power @ 20MHz dBm	25	25	25	24	24	23	23	23

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Model	Frequency GHz	Antenna dBi	Output Power dBm	Sensitivity dBm	Dimension mm	Weight Kg
KW50-7460	4.8 – 6.2	N Jack (MIMO)	22	-91	125 x 114 x 31	0.4
KW50-7460-5W	4.8 – 6.2	N Jack (SISO)	37	-95	213 x 145 x 38	1.2
KW50-7460-D5W	4.8 – 6.2	N Jack (MIMO)	37	-95	213 x 145 x 38	1.5



KW50-7460-5W
KW50-7460-D5W

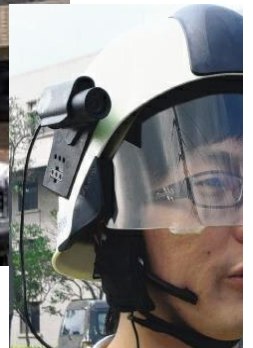


KW50-7460



KW50-7460

KW50-7460-5W
KW50-7460-D5W



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