WS/AirLancer USB-54ag

USB Adapter

108 Mbps High Speed Wireless Client Adapter

- Wireless Network Client Adapter for IEEE 802.11a or IEEE 802.11g and/or IEEE 802.11b Standards
- Improved performance by Turbo-Mode with a transfer speed up to 108 Mbps
- External antenna with cable for a better positioning (AirLancer PCI-54ag)
- All are part of the homogenic product line LANCOM 54Mbps High-Speed Wireless LAN with wireless client adapters, access points and antennas.
- Hardware encrypted AES for IEEE 802.11i / WPA at full performance

Highspeed Wireless LAN

With AirLancer client adapters wireless networks are installed in the easiest possible way and enable notebooks and desktop PCs to participate in a Wireless LAN with a speed up to 108 Mbps. Related to the Wireless Access Ponts by LANCOM Systems, the PCs can also connect to an Ethernet network or get access to the internet by DSL or ISDN. AirLancer MC-54ag and AirLancer PCI-54ag offer high speed at the IEEE 802.11a standard with up to 108 Mbps.

Compatible

AirLancer wireless client adapter are mastering the standards IEEE 802.11g (compatibel to IEEE 802.11b) or IEEE 802.11a. Optionally, the switch from one standard to the other is made automatically to get the right connection wherever you are. Quick contact to e.g. wireless Hot Spots is made easy.

In stationary use in a PC, the AirLancer PCI- 54ag and AirLancer USB-54 are equipped with an external antenna on a cable to enable an easy positioning of the antenna to achieve optimized transfer speed.

Professional

With WEP128 or even WEP152 wireless connections are encrypted. Additionally, the security features provided by the LANCOM base stations (802.11i / WPA, IPSec over WLAN, 802.1x/EAP, RADIUS, ACL, LEPS,

WEP64/128/152) realize the optimized protection of your data. The LANCOM 3550 Wireless access point can be upgraded by a

AirLancer MC-54ag to provide a second wireless cell in the 2,4 GHz and/or 5 GHz frequency range simultaneously.

Wireless & Security

WS/ Airlancer USB-54ag SPECIFICATIONS

	AirLancer PCI-54ag	AirLancer MC-54ag	AirLancer USB-54ag
Interface	PCI (Spec. 2.1)	PC Card (Cardbus)	USB 1.1 or USB 2.0
WLAN connection		108 Mbps, IEEE 802.11g IEEE 802.11a 11Mbps EEE 802.11b	
Particularities		Supporting Turbo Mode (IEEE 802.11a with 108 Mbps) Super A/G	
	External antenna on cable, not removable, cable length 1.5m		
WLAN security		WEP64 / WEP128 / WEP152 EEE 802.11i / WPA with hardware encryption AES EAP/802.11x client	
Frequency range *		2400 – 2483,5 MHz (ISM) or 5150 – 5850 MHz	
WLAN standards		IEEE 802.11g, IEEE 802.11b, IEEE 802.11a	
WLAN transfer rate **		108 Mbps or 54 Mbps (Fallback to 48, 36, 24,18, 12, 9, 6 Mbps, Automatic Rate Selection) or 11Mbps (Fallback to 5.5 2, 1 Mbps, Automatic Rate Selection)	
Transmission power		802.11g: 18 dBm 802.11a: 17 dBm mit TPC (Transmission Power Control) and DFS (Dynamic Frequency Selection)	
Range		Up to 30m indoor, up to 150m outdoor	
Channels *	802.11a: up to 19 overlapping channels (5 GHz Band)		802.11a: 8 non overlapping channels
	802.11b/g: up to 14 channels max. 3 overlapping (2.4 GHz Band)		802.11b/g: 11 channels, max. 3 non overlapping
Drivers, Configuration	Windows 98 / ME / 2000 / XP		Windows 2000 / XP
Management	With ACU (AirLancer Client Utility) for Windows or via Zero Config for Windows XP		
Certification	Notified in Germany, Belgium, Netherlands, Luxembourg, Austria, Switzerland, United Kingdom, Italy, Malta, France These devices meet the conditions for emissions according to EN60601-1-2: 2001 for use in medical environment.		
Extend of Supply	CD with documentation in German and English, PC drivers, management and diagnostic software; printed Quick Install Guide in German and English		
Item no.	61204	61205	61135
Service	Warranty	2 years	
	Support	by Hotline and Internet, free Software updates	

* Depending on national laws
** The effective distance and transmission rate that can be achieved are depending of the given building conditions.

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