

FIELD INSTALLATION QUICK GUIDE

Installation Instructions

6GK5744-1AA60-2AA0

industrial wireless Ethernet client



PRODUCT	6GK5744-1AA60-2AA0
FAMILY	SCALANCE W industrial wireless LAN
FUNCTION	industrial wireless Ethernet client
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Siemens SCALANCE documentation. This guide supplements the complete manufacturer manual and site procedure.

01

CONFIRM THE ORDERED CONFIGURATION

Product Type	SCALANCE W744-1PRO
With W-Lan	54 Mbit/s
With Industrial Ethernet	10 to 100 Mbit/s
For Network Components And Terminal Equipm	1
Number of Electrical Connections	2
Design of The Electrical Connection	R-SMA female (socket)

02

PREPARATION AND CONNECTION

- Confirm the complete 6GK5744-1AA60-2AA0 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

SIEMENS

Product data sheet

6GK5744-1AA60-2AA0

Product-type designation	SCALANCE W744-1PRO
	IWLAN ETHERNET CLIENT MODULE SCALANCE W744-1PRO, FOR USE OUTSIDE OF USA 1 RADIO INTERFACE, IEEE 802.11B/G/A/H, INDUSTRIAL WIRELESS LAN (IWLAN), 2.4/5GHZ, UP TO 54 MBIT/S, WPA2/802.11i/11E, NOTE NATIONAL APPROVALS, POE, IP65 (-20-+60 DGR C), EN50155, SCOPE OF SUPPLY:2X ANT 795-4MR, IP67 HYBRID-CONNECT. PLUG, MOUNTING MATERIAL, MANUALS ON CD ROM GERMAN/ENGLISH
Transmission rate	
Transfer rate	
• with W-LAN / maximum	54 Mbit/s
• with Industrial Ethernet	10 ... 100 Mbit/s
• note	Due to the simultaneous use of several radio channels, a transmission rate of 108 Mbit/s is possible (turbo mode)
Interfaces	
Number of electrical connections	
• for network components and terminal equipment	1
• for power supply	1
• for redundant power supply	1
Design of electrical connection	
• for network components and terminal equipment	Hybrid socket, RJ45 integrated
• for power supply	M12 interface (4-pole, A-coded), hybrid socket, PoE
design of the removable storage / C-PLUG	Yes
Interfaces / wireless	
Number of radio cards / permanently installed	1
Number of electrical connections / for external antenna(s)	2
Design of the electrical connection / for external antenna(s)	R-SMA female (socket)
Supply voltage, current consumption, power loss	

04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	Siemens official product documentation
Product record	6GK5744-1AA60-2AA0
Manufacturer	Siemens SCALANCE
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM