



LANCOM Wireless ePaper Displays (WDG-2)

The new three-color displays for modern signage in black, white & red

Wireless ePaper Displays from LANCOM offer state-of-the-art digital signage for a wide range of applications. The Displays are controlled by an innovative wireless technology with extremely low power consumption. They provide flicker-free viewing from any angle. The content is always visible under artificial lighting. The Wireless ePaper Displays are managed and monitored by the high-performance LANCOM Wireless ePaper Server that comes with an interface (API) for connecting to calendar-management and enterprise resource planning systems. With the possibility to display black, white, and red images, highlights can be set.

- › Convenient radio-controlled updates via the LANCOM Wireless ePaper Server
- › Available in three sizes: 7.4", 4.2", 2.7"
- › Display in black, white, and red
- › Suitable for use in daylight and capable of displaying images
- › Battery life up to 5 years
- › Wall mounts and exchangeable frames included
- › Available as 5-piece bulk pack

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Convenient, wireless updates via LANCOM Wireless ePaper Server

The LANCOM Wireless ePaper Displays are centrally controlled by a convenient software, the LANCOM Wireless ePaper Server. The appropriate interfaces allow data for room signs to be automatically transferred from calendar-management systems such as Exchange, Domino, iCalender, and Office 365. For example, ongoing meetings and their participants can be displayed, as well as subsequent appointments and their times. Signage at the meeting-room doorways is always up to date, offers genuine informational value, and creates transparency.

Available in three sizes: 7.4", 4.2", 2.7"

The LANCOM Wireless ePaper Displays (WDG-2) are available in a range of sizes for a wide variety of uses.

Display in black, white, and red

The second-generation Wireless ePaper Displays offer three colors; black, white, and red. These new displays are ideal for highlighting messages.

Suitable for daylight and graphics

Suitable for use in daylight, the Wireless ePaper Displays present text and graphics and offer perfect readability from any angle, without reflecting.

Battery life of up to 5 years

The LANCOM Wireless ePaper Displays have a battery life of up to 5 years thanks to the extremely low power consumption and active avoidance of interference. There is no need for costly cable installations.

Brackets and exchangeable frames included

The Wireless ePaper Displays (WDG-2) are delivered with numerous accessories. Along with a wall-mounting bracket suitable for office environments and a stand for desktop usage, customers additionally receive a white and a black exchangeable frames to adapt the display to the color of its surroundings.

The perfect framework for your room signage

The 7.4" LANCOM Wireless ePaper Displays (WDG-2) can be equipped with the LANCOM Wireless ePaper Premium Frame 7.4". This brushed stainless steel frame (optional extra) is an optical enhancement for its surroundings.

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Functionalities	
Wireless ePaper Display technology	Fully graphics-compatible e-ink technology
Security	
Encryption	128 bit AES encryption with secure key exchange
Management	
Wireless ePaper management	The LANCOM Wireless ePaper Displays are centrally managed and monitored via a dedicated user interface. The user interface can be started easily through the free management tool LANconfig.
Hardware	
Measurements	<ul style="list-style-type: none"> > LANCOM WDG-1 2.7" - 8.5 x 5.0 x 1.6 cm > LANCOM WDG-1 4.2" - 11.5 x 8.8 x 1.7 cm > LANCOM WDG-1 7.4" - 18.6 x 12.5 x 1.9 cm
Weight	<ul style="list-style-type: none"> > LANCOM WDG-1 2.7" - 50 g > LANCOM WDG-1 4.2" - 104 g > LANCOM WDG-1 7.4" - 239 g
Active display area	<ul style="list-style-type: none"> > LANCOM WDG-1 2.7" - 57.29 x 38.19 mm > LANCOM WDG-1 4.2" - 89.60 x 67.20 mm > LANCOM WDG-1 7.4" - 161.60 x 96.96 mm
Display resolution	<ul style="list-style-type: none"> > LANCOM WDG-1 2.7" - 264 x 176 px > LANCOM WDG-1 4.2" - 400 x 300 px > LANCOM WDG-1 7.4" - 800 x 480 px
Pixel density	<ul style="list-style-type: none"> > LANCOM WDG-1 2.7" - 117 dpi > LANCOM WDG-1 4.2" - 113 dpi > LANCOM WDG-1 7.4" - 126 dpi
Colors	1-bit (monochrome)
Viewing angle	~180°
Memory slots / pages	<ul style="list-style-type: none"> > LANCOM WDG-1 2.7" - 8 pages > LANCOM WDG-1 4.2" - 12 pages > LANCOM WDG-1 7.4" - 12 pages
Maximum number of updates	<ul style="list-style-type: none"> > LANCOM WDG-1 2.7" - 5000 display updates per hour > LANCOM WDG-1 4.2" - 3000 display updates per hour > LANCOM WDG-1 7.4" - 500 display updates per hour
Temperature range	10 - 45 °C
Battery lifetime	<ul style="list-style-type: none"> > LANCOM WDG-1 2.7" - 5 years (2 display updates / day) > LANCOM WDG-1 4.2" - 5 years (2 display updates / day) > LANCOM WDG-1 7.4" - 5 years (2 display updates / day)
Warranty	2 years
Conformity	
Declaration of conformity	For the declaration of conformity, see the product page on our website www.lancom-systems.de/en
Accessories	
LANCOM LN-830E Wireless	Quad-radio access point with WLAN based on IEEE 802.11ac (867 Mbps) & IEEE 802.11n (300 Mbps), parallel operation in 2.4 and 5 GHz, int. radio module for controlling Wireless ePaper displays, built-in iBeacon technology, IEEE 802.3af PoE Item no. 61747 (EU), 61748 (UK)
LANCOM L-151E Wireless	Access point with WLAN based on IEEE 802.11n (2.4 GHz frequency band) with up to 150 Mbps, integrated radio module for controlling Wireless ePaper Displays, support of iBeacon technology, IEEE 802.3af PoE Item no. 61577 (EU), 61581 (UK)
LANCOM Wireless ePaper Server License Pro	Central server for operating Wireless ePaper infrastructures, interface (API) for connection to ext. calendar management- (Exchange/Domino/Google Calendar/Office 365) and ERP systems, add. license for +1000 displays and an unlimited number of APs Item no. 62204
LANCOM Wireless ePaper Premium Frame 7.4"	LANCOM 7.4" Premium Frame, high-quality frame from stainless steel, compatible to Wireless ePaper Displays 7.4", incl. installation instructions and microfiber cloth Item no. 61648
Item numbers	
LANCOM WDG-1 2.7"	2.7" LANCOM Wireless ePaper Displays, updates via radio with LANCOM access points of the E series, fully graphics-compatible and daylight-readable, battery life of 5-7 years, incl. white and black clip-on frames and table holders. Item no. 62219 (Bulk 5)
LANCOM WDG-1 4.2"	4.2" LANCOM Wireless ePaper Display, updates via radio with LANCOM access points of the E series, fully graphics-compatible and daylight-readable, battery life of 5-7 years, incl. white and black click-on frame, table holders, and wall bracket. Item no. 62218, 62220 (Bulk 5)
LANCOM WDG-1 7.4"	7.4" LANCOM Wireless ePaper Display, updates via radio with LANCOM access points of the E series, fully graphics-compatible and daylight-readable, battery life of 5-7 years, incl. white and black click-on frame, table holders, and wall bracket. Item no. 62217, 62221 (Bulk 5)