WAVER ®

Brochure

SMART
ONE

WAC52N | WAC52N+

The **All-In-One** Business Router

Waver SmartOne is a reliable, high capacity, dual band wireless router with advanced hotspot and guest management capabilities. It features an easy to use and manage administration interface that was designed to fulfil the most demanding needs of small and mid-sized businesses in the hospitality industry.

How Does it Work

SmartOne creates a secure, high capacity dual band wireless hotspot and allows you to provide an always-on, hassle-free Wi-Fi service. SmartOne's powerful in-built editor lets you create your own fully branded guest portal, using your own logo, texts, colours, photos and video.

You can choose from up to 5 easy ways to authenticate guest logins into your network. User data like email, gender or mobile number are collected and can be easily managed for promotional or other purposes.

Waver SmartOne also comes with an integrated, fully customizable feedback feature that operates on a 10 Star rating system and collects comments along with ratings.

With all these capabilities and advanced network control options, Waver SmartOne is definitely the hotspot solution your business has been waiting for.

Ideal choice for

HOTELS
RESTAURANTS
CAFÉ - BARS
PUBLIC PLACES
& MORE

Features

Key Features

All features can be managed from an
easy to use web administration interface.

+ Separate Local and Guest network

+ Guest Login Page Customization

+ Multiple Login Methods

+ Website/URL Filtering

+ Feedback & Rating System

+ Scheduled Interface Operation

+ Statistics & User Data Management

+ Data Sync with third party platforms

+ Bandwidth/Time Limit for each guest
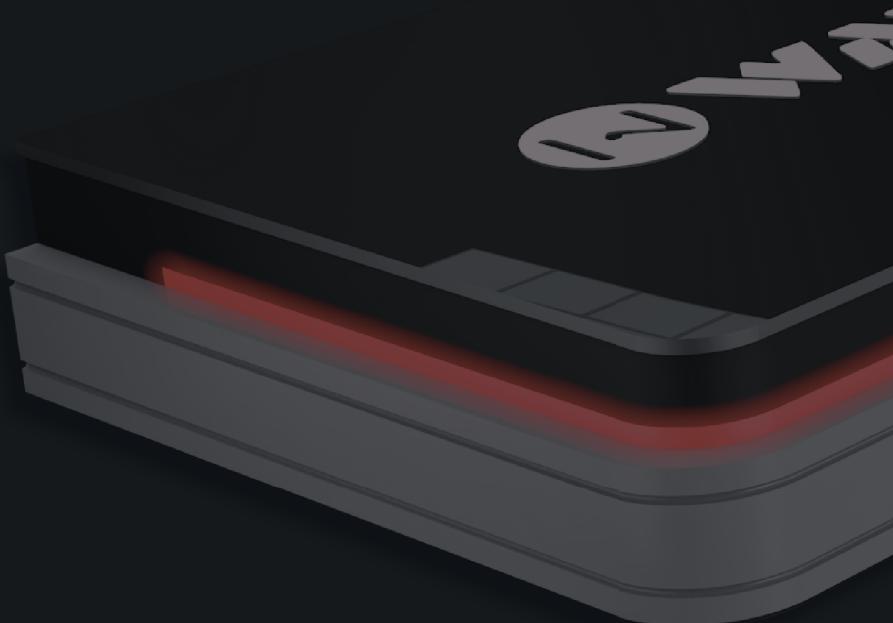
DUAL BAND HIGH SPEED WIRELESS

Experience faster and more reliable WiFi than ever before. Optimized for crowded places the concurrent 2.4GHz MIMO and 5GHz AC wireless radios will never let your network down.

ADVANCED NETWORK CONTROL

The easily manageable web interface allows you to quickly configure advanced network parameters like guest time session, bandwidth per guest, login types, and much more.

GUEST USER AUTHENTICATION

Choose between four different types of authentication methods with data collection abilities for your guests: Username with time validity, Email, Facebook or Mobile SMS.

GUEST USER DATA COLLECTION

Guest's user data are stored internally and can be exported or synced with third party platforms. This way you can create promotional campaigns and stay linked with your guests.

WEBSITE/URL FILTERING

Website filtering with blacklist and whitelist mode options let you completely control web access to certain URLs, thus making your network more secure or provide limited access.

CUSTOMIZED GUEST RATING SYSTEM

You can choose to have a customized feedback page to be showed to guests after some time. Guests can rate your services out of 10 and leave comments. This data is also collected.

Adjustable RGB Led Colors

FULLY CUSTOMIZABLE GUEST PORTAL

Waver SmartOne comes with a powerful
and easy to use graphics editor which
lets you create your own fully-branded
guest portal.

You can choose from a variety of
different themes or create your own
with your choice of colours, images,
logo, videos, buttons, and text fields.
Feedback page texts and redirection
URLs can be defined as well.

ANALYTICAL STATISTICS & GRAPHS

SmartOne gives you the ability to check
history of guest logins, connected
devices and more.

The web interface allows you to have
access and manage statistics for guest
data including the first and last login
times, email addresses, mobile numbers,
and much more. Statistics can be
displayed in time and type based
graphical charts for easy evaluation.

Guest Portal

To access our WiFi,
fill out the required fields
in the following form

Login with Facebok

Use your existing Facebook account
to connect to our network.

f | Log in with Facebook

Connection via Email

Use your address to get connected
to our network

Please enter your Email address;

Connect to WiFi >>
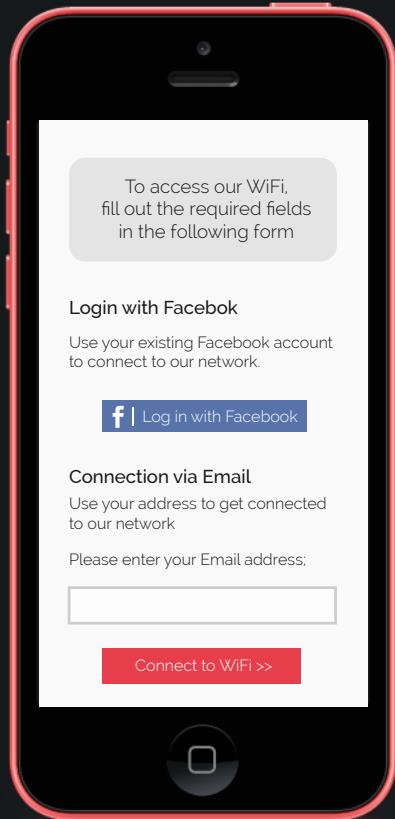
Users can be connected to the guest network by using the following login methods:

Free Guest Access
User obtains internet access
without authentication.

Facebook Login Authentication
User obtains internet access by logging in with a
Facebook account. Facebook data such as name,
gender and email address are collected following
user permission.

Email Connect Authentication
User will obtain internet access after a valid
Email address is entered. Email data is collected.

User/Pass Authentication
Username and password is needed in order to
obtain internet access. User/Pass is predefined
with time validity options.

Mobile SMS Authentication
User obtains internet access after entering a valid
mobile number. A verification code is sent via
SMS. Phone data is also collected.

Admin Interface

Waver SmartOne features an easy to use web administration interface which gives you the ability to control all of its powerful parameters. From basic network settings to the most advanced captive portal editor ever created, from user data history to graphical analytics, SmartOne offers everything you could ever need and much more.

Hardware Specifications

WAN/Internet Port

4x LAN Ports

24VDC · RESET · 2.4GHz · 5GHz · INTERNET · LAN · PREOUT 24V · GUEST · 0.5A MAX

Control Buttons

**Power | Factory Reset
2.4 & 5GHz Radio**

Guest Ethernet Port

With PoE out 24V 0.5A
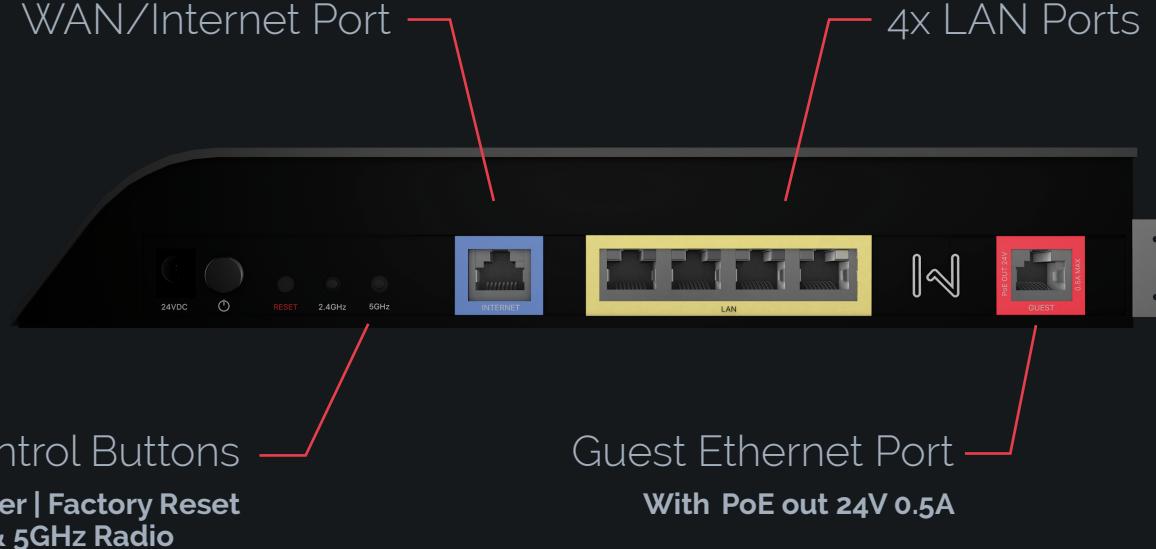
WAC52N/WAC52N+
Technical Specifications

Fast Ethernet Interfaces	WAN/Internet, 4x LAN Guest With Passive PoE Out
Wireless Interfaces	Dual Chain 2.4GHz 802.11b/g/n Single Chain 5GHz 802.11a/n/ac
Concurrent Active Guests	**200** Concurrent Guest Users (WAC52N Model) **500** Concurrent Guest Users (WAC52N+ Model)
Buttons	Power On/Off, Factory Reset 2.4GHz Radio, 5GHz Radio
LEDS	Logo, Corner RGB-Multicolor, Power, WAN/Internet port, 2.4GHz Radio, 5GHz Radio, Guest Port, LAN Ports x4
Antenna Type/Beam width	Integrated 360° 1.5dBi for 2.4GHz Radio Integrated 360° 2dBi for 5GHz Radio
Maximum Radio Tx Power	19 dBm @ 2.4 GHz 22 dBm @ 5 GHz
Wireless Chips	Qualcomm Atheros QCA9531 (2.4GHz 802.11b/g/n) Qualcomm Atheros QCA9887 (5GHz 802.11a/n/ac)
Operating Temperature (°C)	-20 to +60
Input Voltage	24V 1.2A
PoE Output Voltage	24V 0.5A via Guest Port
Dimensions (mm)	286x165x46
Weight (g)	850
Certifications	CE, RoHs

WAC52N/WAC52N+
Wireless Specifications

RATE (2.4GHz)	Tx (dBm)	Rx (dBm)
1MBit/s	19	-96
11MBit/s	19	-89
6MBit/s	19	-93
54MBit/s	18	-74
MCS0	19	-93
MCS7	16	-71

RATE (5GHz)	Tx (dBm)	Rx (dBm)
6MBit/s	22	-93
54MBit/s	20	-75
MCS0	22	-93
MCS7	19	-71
MCS9	16	-63

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