Wi-Fi 6 ACCESS POINT

i3560-series
Residential Wi-Fi Access Point

The i3560 Wi-Fi access point takes performance to the next level with best-in-class Wi-Fi 6, the premium configuration of 5x5 + 4x4 guarantees maximum range and performance in all cases. To interconnect with the rest of the network, the i3560 features 2 gigabit LAN ports. Special attention has been put into creating a beautiful, minimalistic yet flexible design, which fully matches the modern home.

• Best possible Wi-Fi 6 configuration
• Non-blocking offloaded architecture
• Modern Scandinavian design
• Fully managed

Flexible installation
The i3560 is designed for both wall mount and free-standing. In any configuration, it allows for practical cable management, easy access to user-configuration buttons, and intuitive LEDs for easy troubleshooting.

Easy cable management
With all interfaces hidden practically on the back of the i3560, all cables can be managed in an easy way regardless of the installation method. Ports are coloured for intuitive installation for first-time users.

Icotera

i3560 Residential Wi-Fi 6 Access Point

FEATURES

- Best-in-class Wi-Fi 6 solution
- Award-winning industrial design
- Optional operator branding
- Customized firmware
- Wi-Fi link rate up to 2.1 Gbps

NETWORK COMMUNICATION
LAN INTERFACE

- 2 RJ45 connectors 10/100/1000 Base-T(x)
- Auto-negotiation for speed and duplex
- 64-byte forwarding at line rate

LAYER 2

- IGMP v1/v2 snooping
- Transparent IPv6 forwarding
- 2k address entries

Wi-Fi INTERFACES

- Advanced WMM designed for long-range and resilient video and voice delivery
- Authentication methods:
  - Open
  - WPA2
  - WPA3
- Up to 8 SSIDs
- Beamforming
- Band steering and client roaming
- Neighbour scanning
- Advanced channel selection
- Advanced dynamic frequency selection (DFS) mechanism
- Software Tx power control
- Wireless client isolation

Wi-Fi 6

- 802.11ax 5x5:5 5 GHz + 4x4:4 2.4GHz
- BW support: 20 MHz, 40 MHz, 80 MHz
- Modulation support: MCS 0-11
- MU-MIMO and OFDMA
- Up to 1024-QAM modulation
- Support for unequal MCS
- Support for LDPC, STBC

Wi-Fi 5

- 802.11ac Wave-2 5x5:5
- BW support: 20 MHz, 40 MHz, 80 MHz, 160 MHz
- Modulation support: MCS 0-11
- MU-MIMO
- Up to 1024-QAM modulation
- Support for LDPC, STBC

Wi-Fi 4

- 802.11b/g/n 4x4:4
- MIMO
- Modulation support: MCS 0-76

MANAGEMENT & MONITORING

- Monitoring via telemetry streaming (ICONS) when the access point is connected to the Icotera i4882 or Icotera i4883 gateway
- L1–L3 filters for all local services
- SSHv2 with key authentication
- Web interface for end users:
  - Wi-Fi
  - LAN network
  - Firmware upgrade
  - Status and monitoring
- Zero-touch configuration with TR-069 and TR-181 or via the local gateway
- All settings are stored locally in flash memory
- Dual bank flash memory with fail-safe firmware upgrading

OPERATIONAL SPECIFICATIONS

- DC 12 V input ±10%
- Power consumption maximum: 26 W
- Power consumption in standby mode: 13 W
- Operating temperature: 0 – 45°C
- Storage temperature: -20 – 85°C
- Humidity: 5% – 95% (non-condensing)

PHYSICAL SPECIFICATIONS
CASING

- Size: 160 x 162 x 42 mm (W x H x D)
- Weight: 460 g
- Front RGB LED indicator (power or WAN status such as link, traffic, or provisioning)
- LAN status LED indicators (link, traffic, or duplex) for each interface
- LED auto off
- WPS button

INCLUDED IN THE BOX

- Icotera i3560 access point
- 12 V power supply unit

Icotera i3560 interface configuration

| LAN1 | LAN2 | WPS | RESET | POWER | ON/OFF |

Model	LAN	Wi-Fi 6	Wi-Fi 5	Wi-Fi 4
i3560-00	2x	5x5:5 5 GHz + 4x4:4 2.4GHz	5x5:5	4x4:4

For more information and feature requests, contact our Sales department at sales@icotera.com.