

INVISIO V-Series Gen II

Communication and Hearing Protection in Extreme Environments



INVISIO V-Series Gen II

Next Gen Performance

INVISIO X7
In-Ear Headset

INVISIO products are used by the most elite customers in the world. In excess of 200,000 systems are fielded and proven in more than 50 countries.

INVISIO V60 II
Tri Com Control Unit

INVISIO

Introduction

20 years of Combat Proven Experience

at your service

INVISIO is a global market leader within advanced hearing protection and communication systems for security and defense forces, with more than 200,000 systems fielded globally.

This position is based on 20 years of combat proven experience, using cutting-edge technology, and providing industry leading solutions to the most demanding elite units in the world.

INVISIO is constantly pushing the limits of technologies in order to protect and enable professionals to operate and communicate clearly and safely in all environments.

During critical operations such as medical evacuations, conflict resolving, counterinsurgency support and other combat or non-combat operations the need for hearing protection and crystal-clear communication is crucial to both soldier and mission success. Effective communication can make the difference between safely defusing a situation or risking injury to soldiers or innocent civilians.

INVISIO's core assets are:

- Crystal clear communication
- Effective hearing protection
- Full situational awareness
- Seamless integration



The INVISIO Communication System is based on a range of fully interchangeable headsets and control units. All INVISIO systems feature INVISIO IntelliCable® programmable cables, that enables seamless integration to communication devices.

INVISIO V-Series Gen II Next Gen Performance

Unparalleled Performance in extremely noisy environments

The V-Series Gen II builds on a strong legacy of products and technology, proven by thousands of operations worldwide, and refined through ongoing dialogue and understanding of our customer's needs.

Powered by artificial intelligence, Gen II provides unparalleled audio performance and market leading hearing protection in extremely noisy environments.

Configuration possibilities are limitless and the newest addition to the V-Series Gen II family even bridges audio, data and power for more capabilities with less devices.

The V-Series Gen II takes tactical communication and hearing protection in extreme environments to a whole new level. Expect performance of the future today!

Mission Adaptive

Volume from received audio is automatically adjusted to surrounding sound level.



Market Leading Hearing Protection

Double hearing protection solution with hear through capability.



Flexible and Intuitive

Intuitive operation and limitless configurations for all scenarios.

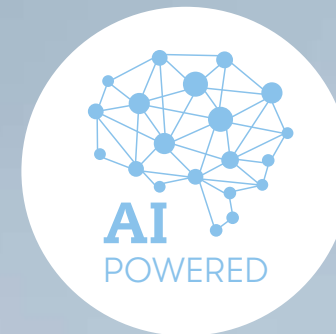


INVISIO Audio™

Unparalleled audio performance excluding unwanted noise.











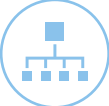

INVISIO V-Series Gen II Next Gen Performance

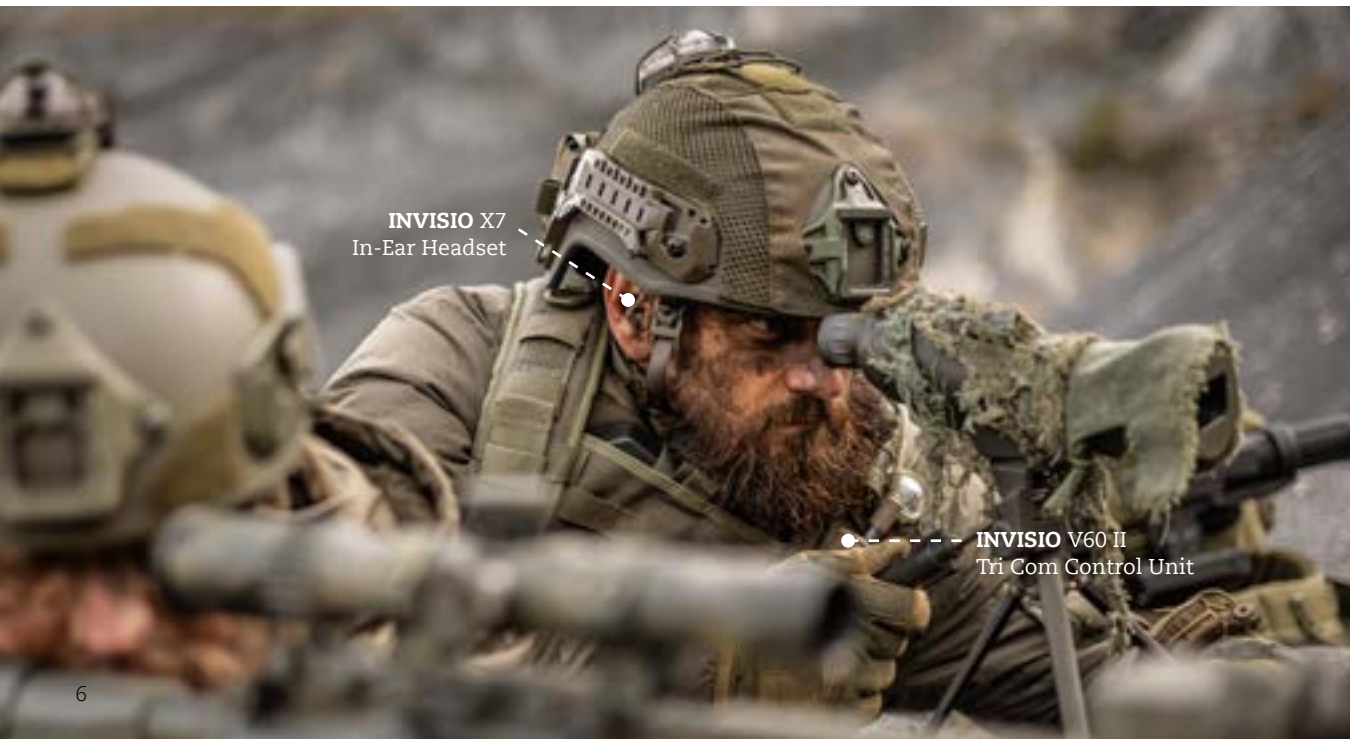


INVISIO V60 II
Tri Com Control Unit

A Strong Legacy for the next generation

The V-Series Gen II builds on the strong legacy of the V-Series offering the unique capabilities of the market leading V-Series:

-  **Automatic Start-Up**
Starts with radio – no calibration
-  **Submersible to 20 Meters**
Resistant to water, dirt and sand
-  **Centralized Power**
No internal battery is required.
-  **Multi-Headset Interface**
Adapts to legacy and existing INVISIO headsets
-  **Hear-Thru Control**
Simplified volume control
-  **INVISIO IntelliCable®**
Automatic detection of connected comms devices
-  **Reduced Size and Weight**
Reducing the burden of the user
-  **Independent Audio Streams**
Up to 6 separate audio streams
-  **Multi-Com Interface**
From Single to Tri com
-  **MIL-Standard Compliance**
Meet MIL-STD 810G & 461F



Meet the Future of mission critical comms performance

The AI-powered V-Series Gen II platform significantly improves life-preserving speech quality and intelligibility and offers unlimited configuration possibilities.

Thanks to advanced technologies and digital signal processing, audio and hearing protection is constantly optimized to the surroundings. The control units automatically adapt all in-coming and outgoing audio volume to any environments and are easy and intuitive to use.

All the V-Series Gen II control units are wireless-capable, and can be paired with a wireless remote PTT, INVISIO R30, that enables hands-free operation of the control unit.

Bridging audio, data and power, the V60 II ADP is the ultimate hub and control unit for the modern warfighter or public safety professional.

Expect features that sets the bar for audio performance and hearing protection for defense and public safety professionals.



| Control Unit | V10 II | V20 II | V50 II | V60 II | V60 II ADP |
|--------------------|--------------|--------------|--------------------------------|--------------|----------------------------------|
| COM Ports | 1 | 1 | 2 | 3 | 3 |
| PTT Buttons | 1 | 2 | 4 | 4 | 4 |
| Weight | 127 grams | 100 grams | 167 grams | 152 grams | 147 grams |
| Colour | Tan or black | Tan or black | Tan or black | Tan or black | Tan |
| Immersion | 20 meters | 20 meters | 20 meters | 20 meters | 20 meters |
| Power | From comms | From comms | From internal battery or comms | From comms | From comms USB power delivery |
| Data hub | No | No | No | No | Yes |

INVISIO V-Series Gen II



INVISIO Audio™

Improved Auditory Situational Awareness

Advanced algorithms to enhance transition from noisy to quiet environments and vice versa.

Removal of Constant Radio Noise (Squelch)

Auto mute of all received audio when not receiving incoming radio communication.

Improved Noise Reduction

AI and Digital Signal Processing techniques to filter out unwanted noise and increase voice quality and intelligibility.

Enhanced Noise Cancellation

Additional noise cancellation is provided by utilizing the Bone Conduction Microphone to further filter out unwanted noise.



Market Leading Hearing Protection

Audio not Exceeding Predefined Level

Received level of audio from external sources or own equipment never exceeds a pre-defined level.

Comfort Mode even more Protective

Hear through audio significantly improved in constant high-noise environments by reducing ambient noise levels by -10 dB.

Double Hearing Protection with Hear Through

Double hearing protection solution with hear through capability.



Mission Adaptive

Volume Control Adapted to the Surroundings

Volume from received audio is automatically adjusted to surrounding sound level to secure uninterrupted and clear communication.



Flexible and Intuitive

Crossbanding

Optional Radio Relay feature to bridge different radio systems.

Voice Prompts

Voice prompts to guide the user on advanced features or when pairing with remote PTTs.

Voice Operated Transmit - VOX

Optional built-in VOX functionality allows speech to transmit without having to key a PTT.

Advanced Wireless Capabilities

Built in Bluetooth to connect the INVISIO R30 Remote Wireless PTT.

Stereo/Dual Net Support

Control units support dual net on all COM ports.

Customized PTT functionality

PTT button assigned for specific tasks - voice prompts, mute radios, controlling radio settings etc.

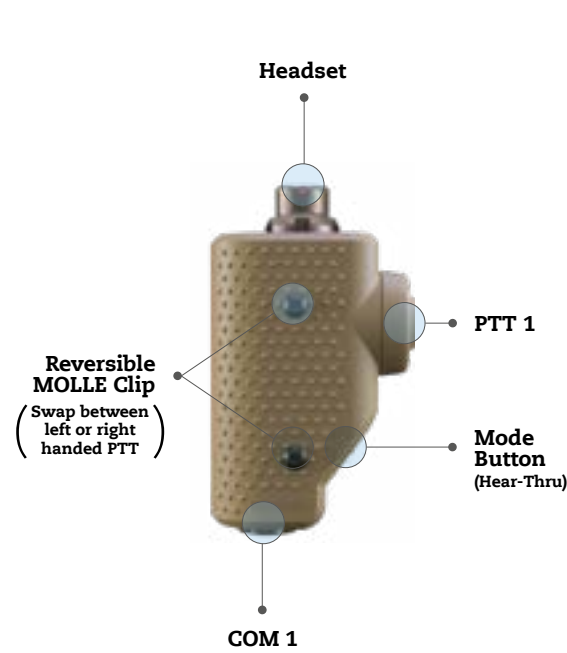
INVISIO V10 Gen II Single Com Control Unit

INVISIO V10 II

The INVISIO V10 II control unit is a rugged, single com PTT designed for soldiers with one radio. The INVISIO V10 II features a large exchangeable PTT button and can be oriented for left or right handed PTT. The control unit is fully compatible with other INVISIO systems and combined with the INVISIO headsets the system provides clear communication, situational awareness and market leading hearing protection.

Available Colors: ● ●

| | |
|-----------------|-----------------------|
| 1 Com Port | Powers From Comms |
| 1 PTT Button | Multiple Headsets |
| 127 Grams | Com Auto-Sensing |
| 70 x 40 x 27 mm | 20 Meters Submersible |



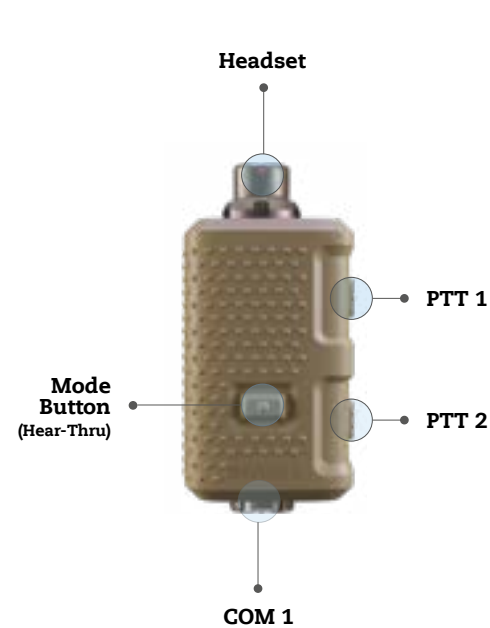
INVISIO V20 Gen II Single Com Control Unit

INVISIO V20 II

The INVISIO V20 II control unit is designed for soldiers with a single radio with one or two talk-groups. It is the smallest and lightest control unit available and powers from the connected radio. The INVISIO V20 II is very intuitive and simple to use. The control unit is fully compatible with other INVISIO systems, and offers state of the art situational awareness and integration to other communication devices.

Available Colors: ● ●

| | |
|-----------------|-----------------------|
| 1 Com Port | Powers From Comms |
| 2 PTT Buttons | Multiple Headsets |
| 100 Grams | Com Auto-Sensing |
| 64 x 40 x 27 mm | 20 Meters Submersible |



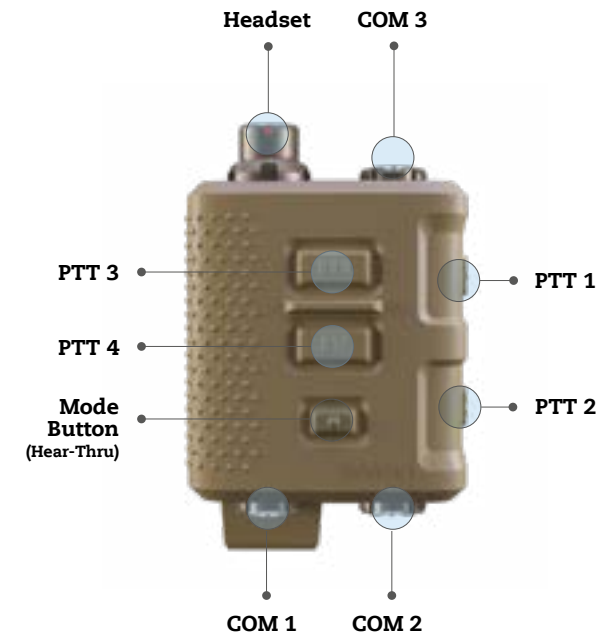
INVISIO V50 Gen II Dual Com Control Unit

INVISIO V50 II

The INVISIO V50 II control unit is designed for soldiers and commanders that require an internal power supply and two communication devices, such as team radio, combat net radio or vehicle intercom system. The control unit can handle multiple talk-groups and can also power from any of the connected communication devices. Lightweight and small, the control unit offers state of the art situational awareness and is fully compatible with other INVISIO systems.

Available Colors: ● ●

| | |
|-----------------|------------------------------|
| 2 Com Ports | Powers From Battery or Comms |
| 4 PTT Buttons | Multiple Headsets |
| 167 Grams | Com Auto-Sensing |
| 70 x 63 x 30 mm | 20 Meters Submersible |



INVISIO V60 Gen II Tri Com Control Unit

INVISIO V60 II

The INVISIO V60 II control unit is designed to be the ultimate communications hub. With 3 com ports and 4 PTT buttons, the control unit is capable of connecting into practically any type of communication device, such as multiple net radios, smart phones, a broad range of audio devices, headsets (tactical, covert and commercial) and intercom systems for land, sea and air vehicles.

Available Colors: ● ●

| | |
|-----------------|-----------------------|
| 3 Com Ports | Powers From Comms |
| 4 PTT Buttons | Multiple Headsets |
| 152 Grams | Com Auto-Sensing |
| 70 x 63 x 25 mm | 20 Meters Submersible |



INVISIO V60 II ADP

Audio, data and power control unit

INVISIO V60 II ADP

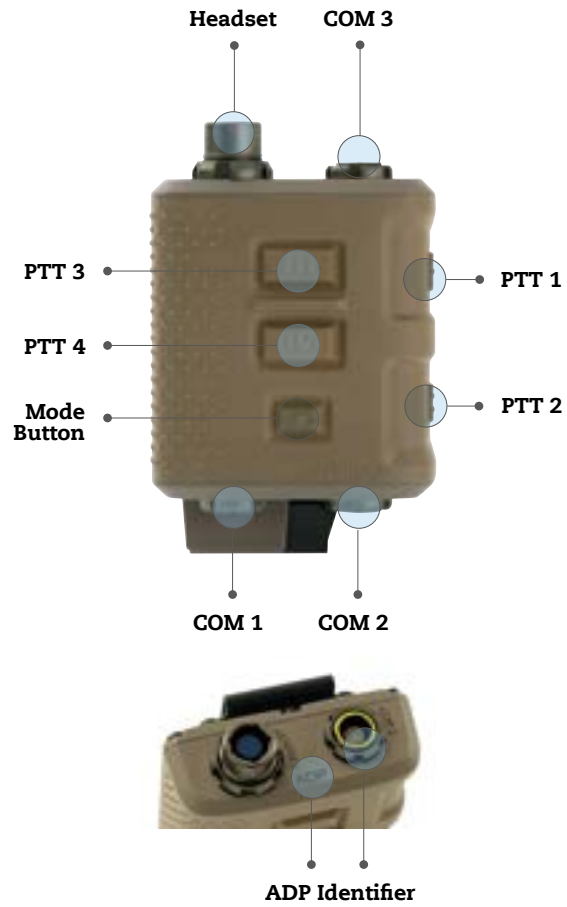
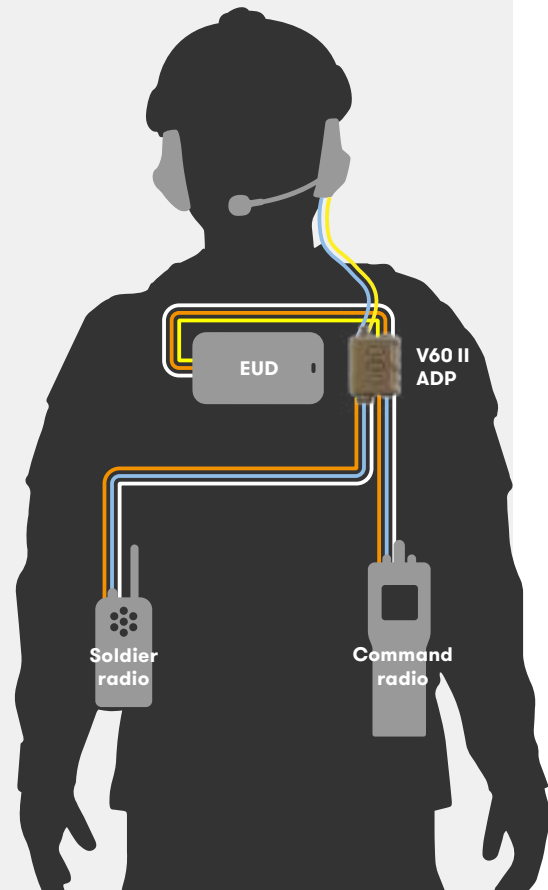
The INVISIO V60 II ADP control unit is designed to be the ultimate warfighter hub.

Bridging audio, data and power, it provides more functionality with less devices by integrating systems and data. With 3 com ports and 4 PTT buttons, the control unit is capable of connecting into any type of communication device.

Notifications from EUDs (End User Devices), voice prompts, and live audio streaming can be transmitted directly to the headset.

Available Colors: ●

| | |
|--------------------|--|
| 3 Com Ports | Powers From Comms – USB Power Delivery |
| 4 PTT Buttons | Multiple Headsets |
| 147 Grams | Com Auto-Sensing |
| 70 x 63 x 25 mm | 20 Meters Submersible |
| Data Hub – USB 2.0 | Digital Audio |



EUD audio to headset

Audio from EUD transmitted directly to headset reduces the need to look at and operate EUD:

- Notifications from Battle Management Systems
- Voice prompts from EUD
- Audio from peripherals live-streaming
- Voice comms enabled via EUD
- Less screen brightness issues during nighttime operations
- Digital audio for in-service headsets

- = Data
- = Audio
- = Power
- = Digital Audio

INVISIO V-Series Gen II

Audio, Data & Power



Bridging audio, data and power



INVISIO V60 II ADP
Tri Com Control Unit

INVISIO R30

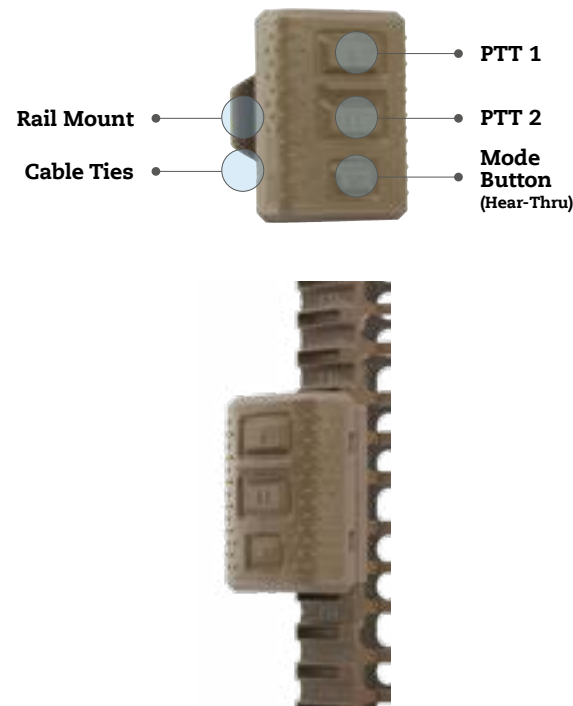
Wireless Remote PTT

INVISIO R30

The INVISIO R30 wireless PTT enables remote keying of the Gen II V-Series control units. It mirrors the key combos and modes of the control units, and comes with rail mount, as well as cable ties. It uses the Bluetooth Low Energy (BLE) protocol for communication, and up to seven R30's can be paired to a single control unit. The INVISIO R30 is submersible to 20 meters and has an internal, replaceable battery with a lifetime of up to 2 years.

Available Colors: ● ●

| | |
|-----------------|-------------------------------------|
| 1 Mode Button | Wireless |
| 2 PTT Buttons | Internal Battery |
| 39 Grams | Rail Mount and Cable Tie Attachment |
| 37 x 15 x 50 mm | 20 Meters Submersible |



INVISIO

Communication System

The INVISIO system is based on fully interchangeable control units, headsets and programmable cables. Together they provide crystal clear communication and industry leading hearing protection and situational awareness.

INVISIO headsets provide maximum comfort and a secure fit, and comes in various types: Dual in-ear-, Single-sided, submersible in-ear-, and ear-cups with boom mic headsets. Multiple adapter cables are available so that new and legacy headsets works seamlessly within the same system.

INVISIO in-the-ear headsets are compatible with helmets, eyewear, breathing apparatus and earmuffs. They utilize a Voice Pickup Sensor where vibrations from the user's jawbone are converted into crystal clear communication.

INVISIO over-the-ear headsets are a significant improvement over traditional cup headset design, as they remove weight and complexity from the headset by centralizing operation and powering of the headset to the INVISIO control unit.



INVISIO R30
Remote PTT

| Headsets | M3s | X7 | T7 |
|---------------------------------|------------------|-----------------------|-----------------------|
| Style | In-The-Ear (ITE) | In-The-Ear (ITE) | Over-The-Ear (OTE) |
| Hearing Protection | None | SNR 39 dB / NRR 32 dB | SNR 28 dB / NRR 22 dB |
| (Tx) Microphone | Bone conduction | Voice pick-up sensor | Boom |
| Size (Earpiece only) | 13 x 11 x 24 mm | 19 x 14 x 8 mm | 83 x 110 x 49 mm |
| Weight (Incl. connector) | 18 grams | 47 grams | 347 grams |
| Colour | Black or tan | Black or tan | Black or tan |
| Immersion | 20 meters | 2 meters | 10 meters |

About INVISIO

INVISIO develops and sells advanced communication systems with hearing protection that enable professionals in noisy and mission critical environments to communicate and operate effectively. The company operates under two brands, INVISIO and Racal Acoustics, combining insights in acoustics and human hearing with broad engineering know-how in software, materials technology and interface. Sales are via the headquarters in Copenhagen and sales offices in the USA, France, the UK, Italy and Thailand, as well as via a global network of partners and resellers. INVISIO's registered office is in Stockholm, Sweden, and the company's share is listed on Nasdaq Stockholm (IVSO).

www.invisio.com

INVISIO®

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