



## Flexor 151 sets new standards for VoIP access devices for the home and small business markets.

This state-of-the-art VoIP access device allows traditional phones to be connected to the latest Internet VoIP services, without the need for a PC. The CamrivoX Flexor 151 includes the features found on current VoIP devices, and adds unique innovative features combined with a desirable and elegant product design. The Flexor 151 is part of a range of VoIP products designed, developed, and marketed by CamrivoX.

### Highlights

- A truly user friendly and reliable product.
- Reduced support and deployment burden for operators.
- Unified VoIP and PSTN.
- Quality of Service that really works.
- Emergency calls always possible.
- Remote configuration and upgrade.
- Operator branding available.
- PC integration.
- Highly competitive pricing.

### Simplicity

CamrivoX has invested considerable effort in ensuring that their products require the minimum of configuration, giving the end-user the easiest introduction to VoIP.

- The Flexor 151 is the easiest-to-configure VoIP device on the market today, demonstrated by the single page install guide.
- The Flexor 151 supports multiple deployment scenarios, including pre-configuration, pre-provisioned and end-user install using CamrivoX CD
- The product supports an optional connection to the user's analogue telephone line. This simplifies migration to VoIP from PSTN, and also provides enhanced features for all incoming analogue telephone calls.
- The Flexor 151 combines the ease of a PSTN/land line phone, with the features and advantages of VoIP.

### Quality and Reliability

Other devices claim Quality of Service (QoS) features, but fail to deliver in basic ways. CamrivoX recognises that reliability of service and voice quality are vital for any telephony device.

- CamrivoX offers QoS that really works. Unique CamrivoX QoS features ensure superb voice call quality is maintained, even when data traffic is contending for network bandwidth.\*
- The Flexor 151 VoIP implementation is robust and allows interoperability with major VoIP access devices and Service Providers.
- PSTN failsafe features enable calls to be made if ever the VoIP service is unavailable (e.g. power failure).
- Emergency calls are always possible on CamrivoX VoIP devices.\*\*

\* Only for CamrivoX approved VoIP providers; ITSP details may be required for unapproved providers.

\*\* Device must be installed as described in manual; see manual for more details.

### Specification

#### Interfaces

- WAN interface: Ethernet (10/100)
- LAN interface: Ethernet (10/100)
- FXO port: PSTN access including PSTN failsafe
- FXS port: Attach telephone handset
- Buttons: Call Divert and Voice Mail
- LEDs: Voicemail alert, email alert, VoIP line, PSTN line, Call-divert, Voice-mail, WAN activity, LAN activity, Power

#### Management

- Configuration, diagnostics, and firmware upgrade locally or by operator:
- HTTP/HTTPS.
  - Voice diagnostics through telephone handset.
  - Remote Provisioning
  - Password controlled.

#### Quality of Service (QoS)

- 802.1Q support
- Type of Service (ToS)
- Unique CamrivoX QoS features to prioritise voice traffic over LAN data traffic.
- Power-On Self Test (POST) and diagnostics.

#### PBX features

- Receive PSTN calls and VoIP calls at the same time
- Call hold, transfer, blocking, waiting
- Call statistics (list of received and made calls)
- Caller ID (for VoIP and PSTN, Type I/Type II, and all regions)
- Dial-by-name dialling

#### Voice algorithms and protocols

- SIP, RTP, SDP
- VAD, CNG, G.168 echo canceller
- Packet Loss Compensator
- G.711, G.726, G.729
- Adaptive Jitter Buffer minimises voice latency
- DTMF detection, generation, and relay
- FAX and modem support

#### IP features

- DHCP client, DNS client
- ICMP, TCP/UDP/IP
- STUN
- SNTP
- HTTP/HTTPS
- RIP and RIPv2

#### Product Physical Data

- Measurements: 160x120x30 mm (6.3"x4.7"x1.2")
- Weight: 250grams (9 ounces)

#### Environmental

- 5°C - 40°C operating temperature
- 5% - 90% non-condensing humidity

#### Power Supply (external)

- Input 100 - 240 VAC; 50/60 Hz; 0.5 A
- Output 5.0 VDC; 1.5 A

### Powerful and Feature Rich

CamrivoX products support the features found on today's VoIP devices, and much more at very competitive pricing.

- Hop on/off: PSTN gateway functionality enables users to make VoIP calls from other phones (e.g. mobile phones) resulting in lower phone charges.
- A Call-Divert button enables calls to be redirected to another number (e.g. mobile) on no answer.
- A Do Not Disturb/Voice-Mail button will direct incoming VoIP and PSTN to operator hosted voice mail server
- PC Integration features such as on-screen Caller ID, and click to dial.
- Outlook Address book synchronization between the PC and Flexor 151.
- Visual indication of voicemail, and shortcuts for accessing it.
- Automatic notification of firmware upgrades.

### Operator Benefits

- The ease of installation and robustness of the Flexor 151 reduces support burden.
- CamrivoX intelligent diagnostic software helps users resolve their own problems, further reducing the support burden on operators.
- CamrivoX supports remote management, configuration, diagnostic, and upgrade of CamrivoX VoIP access devices by the operator.
- CamrivoX products support operator branding.
- Increased revenues from features promoting VoIP such as hop on/off, and call divert.

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