

Falcon

*An easy to use, set-top appliance
for group videoconferencing.*

Models

- Falcon Model 1
- Falcon Model 3

Additional Features

- Moveable Picture in Picture (PIP)
- Auto swap PIP
- Manual dial, phone book and speed dial

Key MXM Features

- Call transfer
- Ad-hoc conferencing
- Hunting groups
- Simplified gateway dialing
- Remote software upgrade
- Remote configuration
- Remote call initiation (ISDN/IP)
- Remote reboot
- View ISDN status
- Endpoint property setting lockout

Optional Accessories

- 29" TV monitor
- Rollabout cart
- Document camera

The VCON Falcon is a robust, yet simple to use videoconferencing system that represents an excellent all-around solution for the enterprise-wide network. The Falcon has an intuitive on-screen interface and is operated by a handheld remote control; starting a videoconference is as easy as pointing and selecting a number to dial. Connect a laptop/PC to the Falcon, and collaboration or sharing of documents becomes possible. Users will find that using the Falcon to add a visual dimension to a team meeting is seamless, and takes communication with remote groups and teams to a more personal and interactive level.

- Dual-mode communication support (IP and ISDN) provides investment protection
- VCON PacketAssist™ architecture for enhanced Quality of Service (QoS) over IP
- Easy to install with color coded cables that connect to any standard TV
- Data collaboration with an easy hook up to a PC or laptop allows for multimedia presentations during a meeting

Integrated Multicast Streaming

Unlike other set-top videoconferencing systems in the market, the Falcon includes Interactive Multicast technology. With Interactive Multicast, the source for an audio/video stream can be moved among various participants during the multicast, allowing interactivity on an unprecedented scale. Falcon set-tops can participate in an interactive multicast session by dialing in or by being joined in by the Chair of the multicast. VCON's Interactive Multicast technology delivers new, cost-effective opportunities for communications applications, and is particularly beneficial in corporate communications, training and distance learning settings.

The MXM Difference

As part of an integrated VCON Media Xchange Manager™ (MXM) solution, the Falcon takes on additional functionality. In an ISDN deployment, the MXM administrator can remotely initiate calls for the Falcon, remotely configure and upgrade the system and can view the status of ISDN calls in progress. Additionally in an IP deployment, the Falcon receives video telephony features such as video call transfer, ad-hoc conferencing, and simplified gateway dialing. These value-add MXM features make the Falcon a truly integrated videoconferencing solution.



*The VCON Falcon
delivers advanced
performance over IP
and ISDN networks
in a compact,
affordable appliance.*

Falcon

What's in the box?

- Falcon set-top unit
- Handheld remote control
- Tabletop microphone
- Quick reference card
- User's guide
- Color-coded cables
- Serial cables
- Universal power supply

Specifications

Standards Supported

ITU-T: H.320, H.323

Video Standards

H.261, H.263, Annex D

Audio Standards

G.711, G.728, G.722

Other ITU-T Standards

H.281 (H.320 Far End Camera Control)
Annex Q (H.323 Far End Camera Control)
H.221
H.243
T.120 (data collaboration over ISDN)

Transmission speed

	H.320	H.323
Model 1	56/64K - 128K	128K - 768K
Model 3	56/64K - 384K	128K - 768K

Video Resolution

CIF (352 x 288 pixels)
QCIF (176 x 144 pixels)

Graphics Resolution

Image capture: bmp file via web server

Audio features

Full duplex echo cancellation
Automatic gain control
Automatic noise suppression

Video Inputs (NTSC or PAL)

Main camera
S-video (document camera)
Composite (2nd camera)
VCR (Composite)

Video Outputs (NTSC or PAL)

Main monitor (S-video or composite)
Composite (2nd monitor)
VCR (Composite)

Audio Inputs

Mini stereo for tabletop mic
Line level (RCA - VCR)

Audio Outputs

Line level (RCA - Monitor)
Line level (RCA - VCR)

PTZ Camera Unit

1/4 inch color CCD
NTSC - 768 x 495 pixels
PAL - 752 x 585 pixels
Focal length: 4.2mm to 44mm
10x zoom range

Streaming Capabilities

Stream via VCON Interactive Multicast

Environmental

0 - 40°C temperature
15 - 80% humidity

Electrical

Auto sensing power supply
Operating voltage:
100-250VAC / 50-60Hz

Physical Size

34cm x 18.5cm x 11cm
1.8kg in weight

Languages Supported

English, French, German, Italian, Russian, Spanish
(Spain and Latin), Portuguese (Brazil and Portugal),
and Japanese

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