

**Contact 1600**  
Set-top videoconferencing system

CHANGING



THE WAY



BUSINESS



COMMUNICATES

**WOULDN'T IT BE GREAT IF HE COULD SPEND  
MORE TIME IN THE OFFICE AND STILL CLOSE  
AS MANY DEALS?**

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CORPORATE COMMUNICATIONS | SURVEILLANCE | VIDEOCONFERENCING  
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**SONY**

# BRINGING PEOPLE TOGETHER

**At every level of your organisation, people must interact and work closely as a team. Exchanging knowledge and ideas, wherever they are, without misunderstandings or error.**



Now there's a powerful new strategy to enable your people to interact more freely, more dynamically – without wasting a second in travel. Introducing the Sony Contact 1600 set-top videoconferencing system, destined to give your organisation a truly competitive edge.

## **Bring 4 places together**

Need to consult colleagues in London, New York and Tokyo? No problem, with the Sony Contact 1600 you can bring together four different places in one convenient videoconference. In an instant you can be sharing knowledge, making decisions, and getting results. Any time of the day. Or night. The result? Increased efficiency and increased productivity throughout your entire organisation.

## **Multimedia muscle**

Inject multimedia life into your meetings. Save ideas, presentations, diagrams and pictures on the innovative Sony Memory Stick™ and then show them in your videoconference. You can also save pictures, documents and diagrams from the meeting itself, and then edit them on a PC. This super-fast, easy document sharing helps ensure every

videoconference is 100% productive. Also, to help ensure that all graphics are clearly understood by everyone the Contact 1600 graphics facilities allow you to easily comment on images on-screen.

## **Reduce costs – add value**

The Sony Contact 1600 will generate substantial time and money savings by virtually eliminating travel and accommodation costs. And, any company from small to large can take advantage – thanks to the highly affordable price. What's more, it will add value to your existing infrastructure since it runs on a variety of digital networks including ISDN lines, company LANs/WANs, and Private Networks. Overnight you have an essential visual communications networking tool. With no hassle, headaches or techno-frustration. Just plug & play ease-of-use.

## **The complete videoconference system that's smaller than an A4 format.**

All you need is an ISDN or network connection and an ordinary TV set. It is that simple.



## Be where it matters

Interact with colleagues instantly. Whether they are 10 minutes away by foot or 10 hours by plane, with the Sony Contact 1600 you can set up a face-to-face meeting in just a few seconds.

## Today's advantage Yours for the asking

More businesses every day are taking advantage of the multiple benefits of Sony videoconferencing. And with the time and money saved, it's no wonder that these businesses are growing ever more successful. Isn't it time you took a closer look at Sony videoconferencing?

Don't miss out. Ask your local Sony dealer for a demonstration today.

### The natural meeting experience

Using Sony Contact 1600 is the next best thing to actually being there. As you would expect from Sony, the Contact 1600 gives you excellent video quality (up to 384 Kb/s on ISDN and up to 1024 Kb/s on a LAN) and superb audio, thanks to the latest echo-cancellation technology and integrated near- and far-sensitive microphone. All adding to your natural meeting experience.

### Everyone can take part in person

If anyone in your meeting is not video-conference-enabled, the Sony Contact 1600 can easily be linked to a telephone - mobile or landline. Allowing them to take part in your point-to-point or multipoint conferences.

## Other key benefits

### Clarity in communications

With the optional Document Station, you can let people see what you mean. Remember, a picture paints a thousand words, just drawing an idea out on paper is often the fastest way to express ideas. In addition, you can plug in your PC and show them pictures and files.

### Environment-friendly

Videoconferencing reduces fuel consumption and emissions associated with travel, and the Contact 1600's ISO 14001 approval tells you that it was also manufactured with responsible care.

### Low cost of ownership

Operational costs are minimised thanks to Sony Smart Management Solutions which, for example, provide centralised scheduling done from any PC in your company LAN or WAN. So you just walk into your meeting room and start talking. Also, centralised management ensures the systems can be monitored and set up to run optimally at all times, so that every videoconference is highly efficient.

### Very easy to use

Colour-coded cabling means your Sony Contact 1600 can be set up in less than 5 minutes. Intuitive icon-driven menus controlled via a hand-held, remote commander give fast, easy operation and full remote control of every advanced feature. Dial-up, sound, picture - everything. Leaving you to appreciate the stunning sound and picture quality that is unmistakably Sony.

# Sony Contact 1600 Specifications

## Video

Standards supported	ITU-T H.320, H.323
Standard	56/64 - 128 Kb/s
With 384 Kb/s option	56/64 - 384 Kb/s (PCS-I160)
V.35 option	Up to 384 Kb/s (PCS-I161)
H.323/LAN	56 - 1024 Kb/s (PCS-UC161)
Multipoint	56/64 - 128 Kb/s each site, up to 4 (PCS-I160 + PCS-UC160)
Coding	H.261/H.263+
Picture Elements	CIF: 352 pixels x 288 lines QCIF: 176 pixels x 144 lines
Frame Rate	384 Kb/s: max. 30 frames/s 128 Kb/s: max. 15 frames/s
Video inputs	Camera x 1 (Main camera) Object x 1 (for Document Station PCS-DS150) Aux1 x 1 (S-video) Aux2 x 1 (composite)
Video outputs	Monitor out x 2 (S-video/composite) 2nd monitor out x 1 (S-video)

## Audio

Bandwidth and coding	G.711: 3.4 kHz at 56/64 Kb/s G.722: 7.0 kHz at 48/64 Kb/s G.728: 3.4 kHz at 16 Kb/s G.723.1: 3.4 kHz at 6.4 Kb/s (H.323)
Echo cancellation	Reduction rate: 20 dB Bandwidth: 7kHz Noise suppressor included
Audio inputs	Gun microphone x 1 (standard) External microphone x 2 (optional PCS-A300) Line In x 1 (RCA connector)
Audio outputs	Line out x 1 (RCA connector) for Monitor speaker Line out (Mixed) x 1 (RCA connector) for VCR

## Camera

Camera	1/3" CCD
Picture elements	752 x 582 lines
Resolution	More than 420 TV lines
Presets	6 positions
Focal length	5.4 ~ 64.8 mm
Zoom	12X
Pan	+/-100°
Tilt	+/-25°
Functions	Zoom, focus, pan, tilt, auto tracking, auto-zooming, and back light control

## Graphical Video

Compression	H.261 Annex D (4CIF) H.263+ (ITU-T standards)
Resolution	PAL 704 x 576 lines

## Picture in Picture

Sub Screen Size	1/9 (one of four corners)
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## Multipoint capability

Maximum 4 sites
Maximum 128 Kb/s per site
Standards based (H.320 compliant)
Audio conferencing support
Connect / disconnect per site possible
Requires 384 Kb/s upgrade (PCS-I160)

## Document Station

Document camera	18x zoom function
Resolution	470 TV lines
Maximum capture size	A4
Scan converter resolution	VGA/ SVGA/ XGA
Input	RGB
Infrared link	Maximum distance 5 m

## Transmission

Multiplexing	Video, audio, data
Frame format	H.221 and Bonding (ISDN), H.225 (LAN)
Interface	ISDN BRI x 1 10/100BaseT auto-switching (standard) ISDN BRI x 3 (optional) V.35 with RS-366 (optional)

## Data conferencing

T.120 compliant	max. 62.4 Kb/s via LAN port
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## Control port

Auxiliary control	via RS-232C port
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## Audio conferencing

Sony Contact 1600 can also connect with conventional telephones (POTS)

## Dimensions & weight

Codec incl. camera	258 x 134 x 208 mm (W x H x D)
Weight	2.5 kg
Remote control	50 x 34 x 190 mm
Weight	0.15 kg

## General

Power supply	DC 12 V External
Current consumption	2.5 A

## PrimeSupport

Included	1 year PrimeVox telephone hotline support in 5 languages (English, French, German, Spanish and Italian)
Optional	3 years PrimeSupport swap out program. Here, a defective unit will be replaced by a functional system the next working day 3 years PrimeSupport on-site service

## Options

PCS-DS150	Document Station, object camera with built-in PC image converter and infrared link
PCS-I160	384 Kb/s upgrade board
PCS-I161	V.35 interface board
PCS-UC160	H.320 multipoint upgrade, requires PCS-I160 upgrade board
PCS-UC161	H.323 software upgrade
PCS-A300	External microphone
PCS-F160	Specially designed cabinet
PCS-R152	Simple preset remote control
PCS-CONTACTLENS	Wide angle lens
PCS-CASE1500	Travel case
TRAVEL BAG	Travel bag
MSA-8A/16A/32A/64A	Memory Stick™ (8, 16, 32, 64 MB)

Sony address/contact details/dealer stamp

# SONY

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