

What you're about to see will change everything...



The Panasonic VC500 offers exceptionally clear videoconferencing with mobile camera capability and FULL HD at a lower bandwidth.

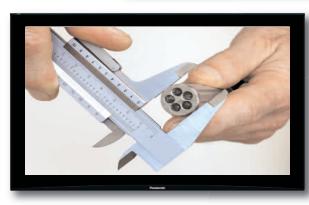
Introducing the Panasonic VC500.

It's clear to see why Panasonic is the best choice for real-time, **High-Definition** videoconferencing.



FULL HD Video & Audio.

Full HD video and 360° audio allows for exceptional clarity and sound quality — see and hear your colleagues across the country as if they were right across the table.



Total Flexibility & Mobility.

Link up to 3 different locations, with an additional handheld, mobile camera at each site. Plus, our customizable set up lets you design a system that's perfect for you.



Lower Bandwidth.

The VC500 delivers full HD video even down to 3 Mbps, allowing for more cost-effective use of bandwidth. Other systems require 6 Mbps for HD resolution.





Panasonic VC500 FULL HD videoconferencing.



When you can **see there**, you don't have to **be there**.

The VC500 lets you share key information in exceptional detail, in real-time, high-definition video and full 360° audio. That means:

Faster decision making.

Teams connect instantly, answers come fast. Key decisions are not left "up in the air" as colleagues travel for on-site meetings.

Higher productivity.

More gets done when you're in the office instead of at the airport.

A smaller "carbon footprint" for your company.

You have all the advantages of a face-to-face meeting PLUS a leaner, greener look for your company.

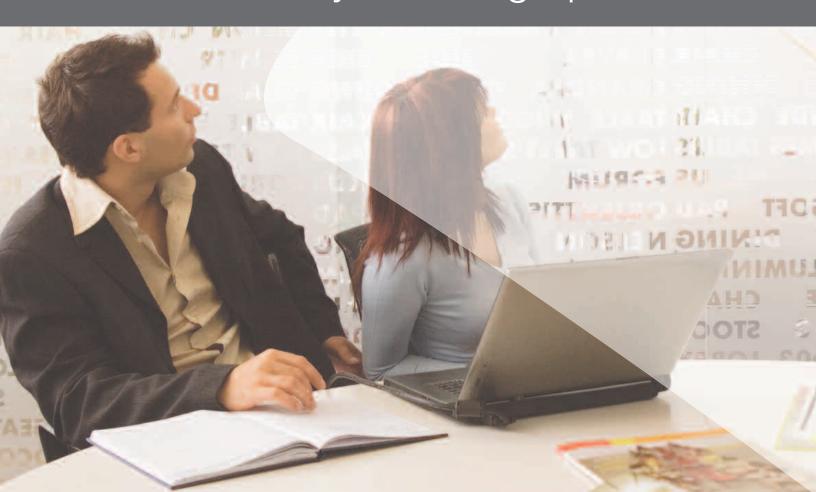
More face-time with the family.

Instead of catching flights, you're catching more soccer games and spending more time with the people who matter most.





A FULL HD Video & Audio connection is as easy as making a phone call.





Medical.

Speed diagnoses with instant access to remote experts for medical consultations.



Manufacturing.

Support design collaboration and monitor production in real time.



Business.

Connect via HD videoconferencing for meetings or training seminars. Gain a competitive edge in bidding for government or commercial contracts that require a "greener" company profile.



Education.

Distance learning becomes a reality for K-12 and higher education classrooms. Remote guest speakers or sharing between schools enhances the learning experience.

To learn more about the Panasonic VC500 HD videoconferencing system, or to arrange a demonstration, please contact your Panasonic representative at **HDVC@us.panasonic.com**





Easy to purchase, easy to use.

100% Panasonic

One packaged solution with all components manufactured and backed by Panasonic, a world leader in video innovation.

Installation & low-cost financing available.

Designed for optimized ease-of-use.

Connect coast-to-coast or worldwide at the touch of a button.

Package includes:

50" Plasma TV, 2 HD Video Camcorders, HD Video Controller, VPN Router, 360° HD Audio Microphone and Remote Control (additional TV size options available)

VC500 Key specifications:

	LIBANA (:)	L . L . Long L . L
Video input	HDMI 1 (main camera)	Input resolution: 1080i video only
-		Supports only camera connection. (Connection of a DVD player is not supported
	HDMI 2 (sub camera)	Input resolution: 1080i video only
-		Supports only camera connection. (Connection of a DVD player is not supported
	VGA mini D-Sub 15P (RGB)	Input resolution: XGA, SVGA, VGA
Audio input _	Boundary microphone	Supports up to 4 Boundary Microphones (part no.: KX-VCA001, sold separately).
	RCA (left, right)	1.2 Vrms
		Supported devices: stand microphone (via microphone amplifier),
		audio mixer, Applies echo canceling, Boundary Microphone and RCA inputs
		can be used at the same time.
Video output _	HDMI (television)	Resolution: 1080i video
	RCA (YPbPr)	Resolution: 1080i video
Audio output _	(HDMI)	Connected television
	RCA (left, right)	Connected television (with speakers), AV amplifier, active speaker
Maximum conference points		3
Content sharing		Personal computer (VGA terminal), sub camera (sub-HDMI video only)
Video codec		ITU-T H.264 high-profile, level 4.0. (Note: B picture is not supported.)
Audio codec		MPEG-4 AAC-LD, LATM
Encrypted transmission		AES-CM/proprietary
Network	LAN (RJ45)	100BASE-T full duplex (1000BASE-T is not supported)
Control (serial)_	RS-232C	Connection for terminal control: PC Dsub9 DCE
	Camera control	Connection for camera control: HE100 Dsub9 DTE
Dimensions (W x H x D)		430 mm x 83 mm x 280 mm /
		16.9 in. x 3.3 in. x 11.0 in. (including legs)
Weight		Approx. 4 k g/ 8.8 lb
Voltage and frequency		AC 100-240 V, 50/60 Hz
Power consumption		During operation: 32 W, During stand-by: 30 W
Operating temperature		0 °C to 40 °C / 32 °F to 104 °F
Operating humidity		10 % to 90 % (non-condensing)
•	icrophone (KX-VCA001	
Standard pickup area		2 m(radius), 360 $^{\circ}$ / 78.7 in.(radius), 360 $^{\circ}$
Maximum pickup area		3 m(radius), 360 ° / 118.1 in.(radius), 360 °
Pickup method		Stereo
Microphone unit		Unidirectional Electret condenser microphone x 4
Number of connections		Maximum 4 microphones
Band frequency		150 Hz to 10 kHz
Maximum input sound pressure		110 dBspl
Residual static level		34 dBspl
Sampling frequency		48 kHz
Delay		42 µs (2 fs)
Microphone cable connectors		2
Mute switch LED		Push-and-return switch
		2 color LED (red, green) to indicate mute status.
		Green: active; Red: Mute on; Blinking: inactive; Orange: start-up
Codec		ACC-LD, executed at 96 kbps in main unit (band frequency 20 kHz) x 2 ch,
		or 64 kbps (band frequency 17 kHz) x 2 ch
Dimensions		120 mm(diameter) x 25 mm / 4.7 in.(diameter) x 1.0 in.
Weight		Approx. 520 g / 1.1 lb
Cable length		Approx. 8.5 m / 334.6 in.
Operational temperature		0 °C to 40 °C / 32 °F to 104 °F
Operational humidity		10 % to 90 % (non-condensing)

- Specifications are subject to change without notice.
- Dimensions and weights are approximate.



The Panasonic VC500 Videoconferencing system.



Crystal-clear HD Video conferencing

with full 360° audio from Panasonic, a world leader in professional electronics.

Our Equipment — Our Guarantee

Panasonic is a worldwide leader in business and consumer electronics. Each and every component within the **VC500** is manufactured solely by us. So you can count on Panasonic reliability – plus our full guarantee for expert set-up and servicing.



Panasonic is Eco-Friendly

Panasonic's environmental concerns date back to our founder, Konosuke Matsushita. The **VC500** videoconferencing system continues in this tradition of forward-thinking, globally conscious products.



To learn more about the
Panasonic VC500 HD
videoconferencing system, or to arrange
a demonstration, please contact your
Panasonic representative at

HDVC@us.panasonic.com

You will be amazed at what you can do with the **Panasonic VC500.**

- Videoconference in FULL HD video & 360° audio for exceptional clarity and detail
- See FULL HD resolution using as little as 3 Mbps
- Zoom, pan and move around the room with a Mobile HD camera
- A smaller "carbon footprint" for your company
- Increase productivity with enhanced collaboration throughout your organization

To arrange a demonstration of the VC500 system, contact your Panasonic representative today at HDVC@us.panasonic.com.