



WatchWitz Technologies Pvt Ltd

# WatchWitz WeMeet

A Virtual Replica' of a Standard Classroom

- A Proven Technology
- Works on broadband
- 100% acceptability by the recipient / Student/Beneficiary
- 1/5<sup>th</sup> the cost and 20 times the expandable capacity compared to any video conference device or systems.

Websites:: [www.watchwitz.com](http://www.watchwitz.com), [www.appgump.com](http://www.appgump.com),  
Email:: [support@watchwitz.com](mailto:support@watchwitz.com), Ph No:: 0712-6640999bo

# WatchWitz WeMeet

A Virtual Replica' of a Standard Classroom

... Proof of Concept....

1 COMPLETE YEAR OF CONTENT DELIVERY

WE CURRENTLY OWN THE LARGEST NETWORK OF VIRTUAL CLASSROOMS CENTRALLY  
CONNECTED FOR CONTENT DELIVERY, MAHARASHTRA.

**30 Auditoriums concurrently connected.**



**Mr. Prahlad Kakkar – 29-Feb-2012**

**Session: 42 college auditoriums Connected:::**

**Dr. Shashi Tharoor: - 27-Jan-2012**

**Session: 40 college auditoriums Connected:::**

**Dr. Alyque Padmasee – 26 – Aug-2011**

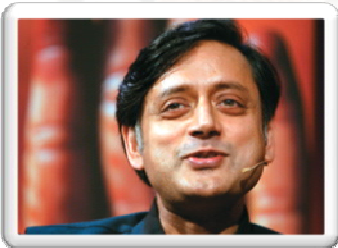
**Session: 25 college auditoriums Connected:::**

**Dr Govind Swaroop – 14-Sep-2011**

**Session: 20 college auditoriums Connected:::**

**Dr Arun Nigalwekar – 30-July-2011**

**Session: 12 college auditoriums Connected:::**



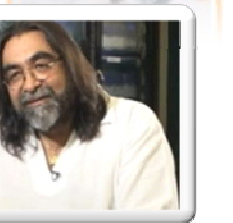
## HR SPEAKERS / MENTORS

**Mr. Prashant Ahir – Tata Motors:**

**Mr Sharad Gangal – Thermax**

**Mr Rajesh Purushottam – Sterlite**

**Mr Sudhakar Panda - FIAT**



## COMPANIES USING OUR SYSTEMS AND NETWORK.

### **Sterlite Virtual Hiring:**

223 Engg students  
qualified, Process is still  
going on for recruitment.

### **Sterlite Virtual Hiring:**

725 Engg students  
qualified, Process is still  
going on for recruitment.

### **Tata Motors Virtual Hiring:**

449 Engg students  
qualified, Process is still  
going on for recruitment.



WatchWitz Technologies Pvt Ltd

27, Central Bazaar Road, Navprabhat Chmabers, Ramdaspath Nagpur - 440010

# WatchWitz WeMeet Specifications

## WatchWitz WEMEET VMESV101 Audio Features

Full-duplex audio  
Instant Echo Cancellation  
Automatic Gain Control (AGC)  
Automatic Noise Suppression (ANS)  
Audio mixer  
Built-in Amplifier  
Independent LED indicator for WatchWitz microphone  
Microphone and input audio

## WatchWitz WEMEET VMESV101 Video Capture device

Single channel USB bus powered  
Composite Video Input and Audio Input

## WatchWitz WEMEET VMESV101 User Interface

User-friendly graphical interface  
Touch screen compatible

## WatchWitz WEMEET VMESV101 Internal Features

One to many audio-visual communication  
User authentication from centralized server  
NAT & Firewall Friendly  
Works on Broadband internet connection

## REFERENCES:

- Veermata Jijabai Technological Institute, Mumbai
- Indira Institute of Management, Pune
- Dr. D. Y. Patil Institute of Engineering and Technology, Pune
- MIT College of Engineering, Pune
- ILS Law College, Pune
- Sinhgad College of Engineering, Pune
- Symbiosis Institute of Operations Management, Nashik
- Symbiosis Institute of telecom management, Pune
- Symbiosis Law School, Pune
- Symbiosis Institute of Media and Communication, Pune
- Kavikulguru Institute of Technology and Science, Ramtek
- Government College of Engineering, Chandrapur
- Institute of Management Technology, Katol
- Dr. Ambedkar Institute of Management Studies & Research, Nagpur
- Amrutvahini College of Engineering, Sangamner
- Babasaheb Naik college of Engineering, Pusad
- Shram Sadhana Bombay Trust's College of Engineering & Technology, Jalgaon
- Anuradha Engineering College, Chikhli
- Mahatma Gandhi Missions College of Engineering, Nanded
- Government College of Engineering, Amravati
- Pravara college of Engineering, Loni
- Symbiosis Institute of Management Studies, Pune
- PES Modern college of Arts, Science & Commerce, Pune
- H.V.P.Mandal's College of Engineering & Technology Amravati
- Vidya Pratishthans College of Engineering Baramati
- JT Mahajan college of Engineering, Faizpur
- L&T Institute Of Technology, Mumbai
- College of engineering & technology, Akola
- Marathwada institute of technolgy, Aurangabad
- Jhulelal Institute of Technology, Nagpur

## WatchWitz WEMEET VMESV101 Wireless Microphone

- Unidirectional wireless microphone
- Reduces transmission of surround noise
- On-Off button
- Light-weight
- System ships with two wireless microphones

## WatchWitz WEMEET VMESV101 Integrated Speaker, Amplifier and Wireless Receiver

- Max 200 Watts RMS @ 2 OHMS or 50 RMS @ 4 OHMS speakers arranged for best performance
- Wireless receiver with frequency range 224 MHz to 297 MHz
- Wireless receiver range: 30 meters minimum
- Amplifier: 600 Watts RMS with 4 channel non interlaced input
- Speakers On/Off
- Built-in adjustable level
- Master volume control. User-tuned treble and bass controls

## WatchWitz WEMEET VMESV101 Advantages

- Useful for conducting coaching classes, lectures & seminars
- Universal acceptability, portable and easy to use.
- Virtual presence of speaker in multiple locations
- Add live, real-time interaction
- Provide superior experience, with no user left behind
- Increase user participation
- Leverage limited resources
- Attract and retain quality of work
- Reduce travel and teleconferencing costs of speakers
- Improve information exchange with online meetings
- Provide professional development and enable more productive meetings
- Collaborate in real time
- Ensure safe, secure access anywhere, anytime
- Realize rapid return on investment
- Multiple bandwidth and resolution support.



# WatchWitz WeMeet Specifications

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## WatchWitz VMESV101 Audio Standards

Up to 44 kHz bandwidth MP4a

## WatchWitz VMESV101 Audio Inputs

1 x Conference link for microphones  
Up to two wireless microphones

## WatchWitz VMESV101 Audio Output

4 x RCA for external loudspeaker system

## WatchWitz VMESV101 Network Features

Robust Gigabit network to provide uninterrupted live communication to all connected WatchWitz WEMEET VMESV101  
Reliable US located data centers  
TB backbone connectivity to support multiple concurrent connections  
Pre-configured centralized authentication and media distribution network for cost optimization

## WatchWitz VMESV101 Conference on Demand

Initiates scheduled audio-video communication from the endpoint to connect with relay locations  
Auto selects either the internal or external bridge  
Dials all participants simultaneously

## WatchWitz VMESV101 Security

Independently tested for endpoint security  
Enhanced integration for independently certified devices  
Secure password authentication  
Unique default passwords  
Administrator password  
Ability to disable specific endpoint  
Auto-Answer mode  
Allow access to user settings

## WatchWitz VMESV101 System Management

Diagnostics and software upgrades via PC, LAN  
Integrated interface for remote management  
System configuration from remote management  
Connectivity with WatchWitz Web Services

- Auto server discovery
- Auto registration
- Software update
- Integrated web services for remote management, authentication, diagnostics and passwords

## WatchWitz VMESV101 Electrical

SMPS unit 12V, 600 Watt, Single Rail, 10 Amp  
SMPS and other cooling units - 5" and Or 3" Fans 0.8 Amp Max Load.

## WatchWitz VMESV101 Environmental Specifications

Operating Temperature: 0-40° C  
Operating Humidity: 15-80%  
Non-Operating Temperature: -40-70° C  
Non-Operating Humidity (Non-condensing): 10-90%

## WatchWitz VMESV101 Warranty

Six months/ One-year "Carry-In BTB" Warranty

## WatchWitz VMESV101 Bandwidth

Maximum Data Rate: Up to 512 Kbps

## WatchWitz VMESV101 Video Standards

H.264  
Multiple resolutions supported

## WatchWitz VMESV101 Frame Rates (Point-to-Point)

Intelligently selects frame rate for best performance video  
30 fps at 512 kbps up to 2 Mbps

## WatchWitz VMESV101 Video Input

Integration with main camera  
1 x Composite

## WatchWitz VMESV101 Video

USB Digital Video with multiple resolution support

## WatchWitz VMESV101 Video Formats

NTSC, PAL, SXGA, XGA, SVGA, VGA

## WatchWitz VMESV101 Integrated Main Camera

Pan/tilt/zoom (PTZ) support  
65° field of view  
Total Field of View: 265°  
Up to 40x Zoom  
Auto focus  
Automatic white balance  
Camera presets  
Standards-based, far-end camera control

## WatchWitz VMESV101 Video Resolution

Interlaced video  
4SIF (704 x 480)  
4CIF (704 x 576)  
SIF (352 x 240)  
CIF (352 x 288)  
Half-VGA (320x240)  
QCIF (176 x 144 pixels)  
QVGA (160 x 120 pixels)  
Choice of 4:3 or 16:9 display aspect ratios

## WatchWitz VMESV101 Content Video Resolution

XGA (1024 x 768), SVGA (800 x 600), VGA (640 x 480) for graphic displays  
Up to 4 CIF, or CIF for NTSC/PAL displays

## WatchWitz VMESV101 Quality of Service

Video Error Concealment  
Audio Error Concealment  
IP Precedence (ToS)  
DiffServe DHCP (CoS)  
Dynamic Bandwidth Allocation  
Proactive Network Monitoring  
Packet and jitter control  
Network Address Translation (NAT) support  
Automatic NAT discovery  
Configurable video/audio/FECC service value  
Asymmetric speed control  
TCP/UDP fixed-port firewall support  
Lip synchronization  
Echo cancellation  
Echo suppression



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