Multipoint Control Unit

Designed for next generation communications networks by the voice and video over IP experts, the PLANET Multipoint Control Unit (MCU) is the smart solution that offers you an easy way to connect, conference, and collaborate any way of communication you need. In the video conferencing performance, PLANET MCU multi-function platform is the most flexible and total solution for deploying IP-centric voice, video and Surveillance communications.

As one of the PLANET MCU series, the MCU-1900 is a powerful IP multimedia conferencing device delivering high quality voice and video with IP surveillance capabilities. The platform is a leading solution for deploying real-time voice, video and Surveillance services over IP. Stream your video conference over your intranet or the Internet. The MCU operates with PLANET IP camera to offer viewing at multiple speeds that ensures everyone access the video conferencing and watch the IP cameras without difficulty.
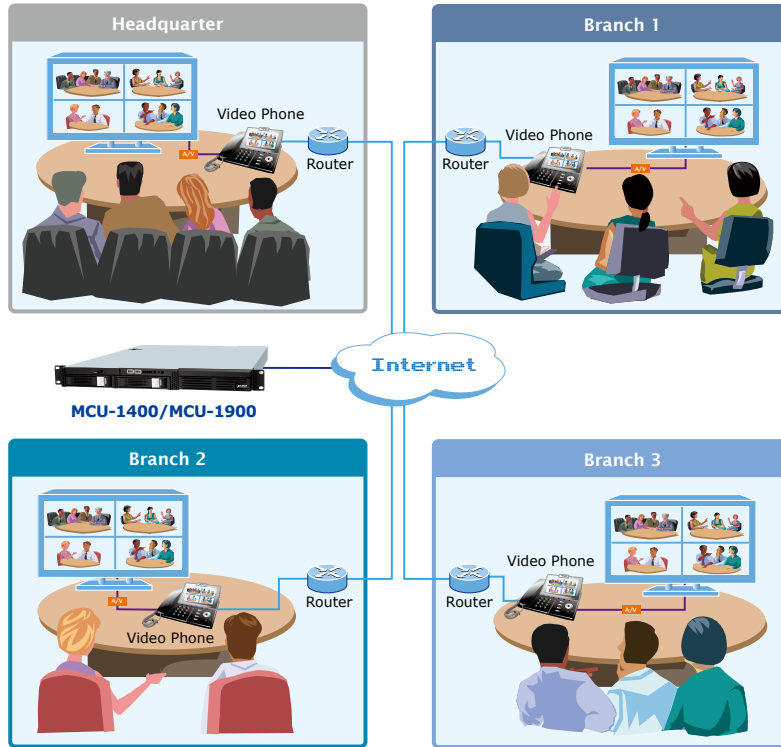
Start an easy conferencing with preset configurations of unified, voice, video, and Surveillance conferencing, the MCU-1900 offers up to 9 video, 60 audio concurrent calls, and 200 user registrations. It is an ideal integrated IP communication facilitator for the SMB and Enterprise markets.
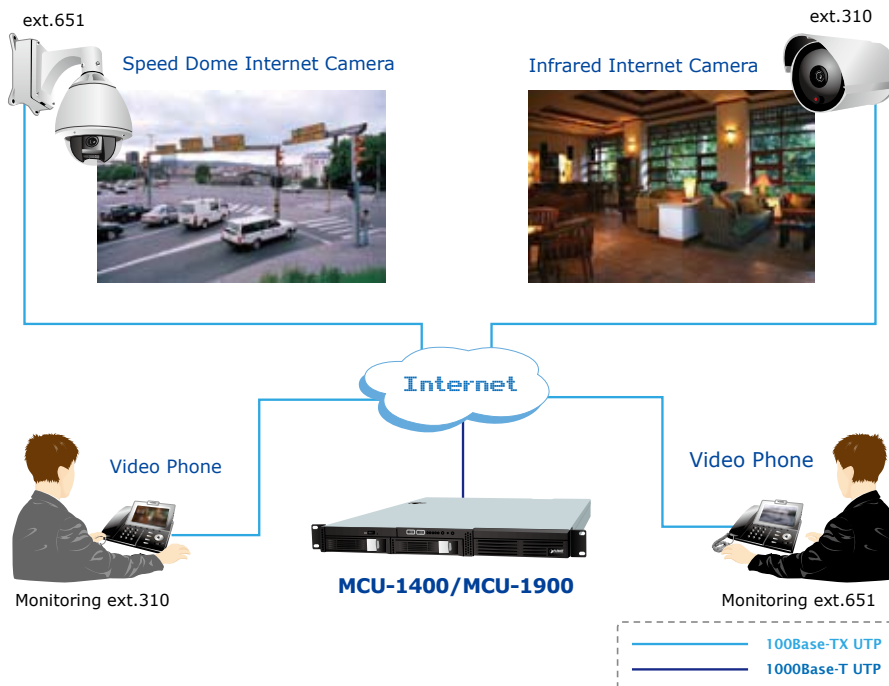
KEY FEATURES

- Multi-Codec for H.263 / H.263p / MPEG-4 compression

- Supports Video / Voice Conferencing service

- Simultaneous Voice calls: 60 concurrent calls

- Simultaneous Video calls: 12 concurrent calls

- Supports IP-Surveillance Hosting service

- Call Detailed Record (CDR)

- User Management via Web Browsers

- Built-in SIP Proxy Server Following RFC-3261

- Asterisk Compatible IP PBX

- Recording MCU room's Video / Voice to File

- Video MCU screen format : 1:1, 1:4, 1:6, 1:7, 1:8, 1:9

- Call Transfer / Call Hold / Call Park

APPLICATIONS

Bring the power of visual communication to any meeting room, auditorium and training facility with the MCU-1900's professional video and audio technology

By the MCU-1900's powerful video streaming feature, it is convenient to achieve the surveillance network via Video Phone

SPECIFICATION

Product	Multipoint Control Unit
Model	MCU-1900
Hardware	
LAN	2 RJ-45 (10/100/1000Base-TX, Auto-Sensing / Switching)
Standards and Protocol	
Call control	SIP 2.0 (RFC3261) , SDP (RFC 2327), Symmetric RTP
SIP Registration	200 registrations
Voice Concurrent Calls	60 voice calls
Video Concurrent Calls	12 video calls
Numbers of Voice Rooms	9
Numbers of Video Rooms	3
Voice CODEC Support	G.711u, G.723, G.729
Video	MPEG-4, H.263, H.263p
Voice Processing	DTMF detection and generation In-Band and Out-of-Band (RFC 2833), (SIP INFO) Supports password authentication using MD5 digest
PBX Features	Voicemail Support (VM) Call Detailed Record (CDR) User Management via Web Browsers Web Firmware Upgrade Backup and Restore Configuration file Displays Registered User's Status: Unregistered / Registered / Caller / Callee
Call Features	Caller ID Call Hold Call Transfer Call Forward (Always, Busy, No Answer) Call Pickup Call Park Music/Video on Hold Three-way voice conference with feature phones (VIP-254T series, VIP-155PT/ 255PT/ 351PT/ ICF-1600 and ATA series: VIP-156/ 157, ATA-150/ 150S)
MCU Room Features	MCU Room Configuration MCU status display on Web Browser Mute / Kick function MCU Voice/Video Recording
Video MCU Display Division	1, 4, 6, 7, 8, 9
Internet Sharing	
Protocol	TCP/IP, UDP/RTP/RTCP, HTTP, ICMP, ARP, NAT, DHCP, DNS
Connection Type	Static IP
Management	HTTP Web Browser
LED Indications	System: 1, PWR LAN: 2, LNK/ACT System ID: 1 System Alert: 1
Hardware Specification	
CPU Processor	Quad-Core Intel Xeon 2.0GHz
RAM	1GB
Built-in Storage Device	1 x DVD ROM, 1 x 160GB HDD
Ethernet Interface	2 x RJ-45 10/100/1000Base-TX
Input/Output Interface	2 x PS2 Mouse/Keyboard, 2 x USB 2.0, 1 x Serial, 1 x VGA
Dimension (W x D x H)	428 x 442 x 44.4 mm
Form Factor	1U, 19" Rack Mountable
EMC/EMI	CE, FCC Class B
Environment	
Operating Temperature	0~40 Degree C, 0~90% humidity
Power Source	AC 100~240V, 50-60Hz
Power Requirement	300W
Safety	UL, CB, BSMI
EMC/EMI	CE Class A, FCC Class A, BSMI Class B

ORDERING INFORMATION

MCU-1900	Multipoint Control Unit (up to 9 screen)

RELATED PRODUCT

ICF-1600	Internet Video Conferencing Phone
ICA-230	PoE CMOS P/T IR Internet Camera
ICA-350	30-meter Outdoor Infrared Internet Camera
ICA-750	Dual Mode CCD Box Internet Camera
ICA-M220	Mega-Pixel CMOS PT IP Camera
ICA-HM230	H.264 Mega-Pixel CMOS Pan/Tilt Internet Camera

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