



- MCU91B0 is a fully cost-effective, high-performance MCU product, suitable for small-scale conference system networking.
- It offers intelligent access for a variety of endpoints providing users with the ultimate video conferencing experience.

Fully-adaptive, ultimate video conferencing experience

- Complete codec, fully-adaptive, supports access for various endpoints
- Supports a new generation of H.265 encoding, provides 1080P ultimate HD image under bandwidth of 384Kbit/s
- Uses industry-leading OPUS audio coding technology, builds an excellent audio-visual experiences

Ultra-strong network adaptability

- Adapts to different networking requirements, unique anti-packet loss technology, ensures normal operation of audio and video in the event of a 30% packet loss
- In case of 800ms delay, conference audio and video can still operate normally

Open standard, compatible interoperability

- Compatible with H.323, SIP and other standard protocols, realize seamless connection with a third-party conferencing system
- Compatible with standard security equipment and Dahua video surveillance platforms, realize seamless connection with traditional security system

Easy to set up, effortless operation and maintenance

- Conforms to ITU-T H.323 and IETF SIP communication standards, supports standard A/V encoding technology in industry, realizes perfect interconnection with the products which meet international standard. Meanwhile achieve integration with security products

Technical Specification

Video			
Codec Protocol	H.265, H.264 SVC, H.264 H, H.264 M, etc	Frame Rate	25fps, 30fps, 50fps, 60fps
Resolution	Main video stream: 1080P, 720P, 4CIF, CIF	Bit Rate	64Kbps~10Mbps
	Demonstration stream: 1080P, UXGA, WXGA, SXGA, XGA, SVGA, VGA		
Audio			
Codec Protocol	OPUS, AAC-LD, AAC-LC, G.719, G.711a, G.711u, etc		
Processing	AEC (acoustic echo cancellation), AGC (automatic gain control), ANS (automatic noise suppression)		
Capacity Specs			
Max Capacity	Fully adaptive 10 channel 1080p 30fps		
Conference Specs			
Conferencing Control	Several meeting control functions, such as creating meeting, booking meeting and multi-screen, etc.		
Network Protocol			
Framework Protocols	ITU-T H.323, IETF SIP		
Network Transmission Protocol	IPv4, TCP/IP, RTP, SRTP, RTCP, HTTP, NTP		
Other Protocols	H.225, H.235, H.245, H.460		
Network Features			
Network Packet Loss Tolerance	In the event of a 30% packet loss, the conference audio and video is unaffected		
Network Delay Tolerance	Normal conference processing in case of 800ms delay		
Security Features			
Network Transmission Security	Supports media stream and signaling encryption realized by H.235 under H.323 networking, while supporting RTP, SRTP and DHS RTP encryption under SIP networking		
Maintenance Mode			
Maintenance Mode	Supports SSH and WEB remote maintenance		
Maintenance Management	Supports system resource statistics, hardware status diagnosis, etc		
Device Ports			
Network Port	2 x RJ45 10/100/1000M self-adaptive network ports		
Debugging Port	2 x USB ports, 1 x RS232 port		
Physical			
Power Supply	100~240 V 50/60HZ	Power Consumption	<=180W
Operating Conditions	+10°C ~ +35°C (+50°F ~ +95°F) / 5%~95%RH	Storage Conditions	-10°C ~ +35°C (+50°F ~ +95°F) / 5%~95%RH
Net Weight	10kg(22.04 lb)	Gross Weight	15kg(33.07 lb)
Dimensions	450.0mmx433.0mmx43.5mm (17.71"x17.05"x1.71")		
Certifications			
Certifications	CE/FCC/UL		

 **Dimensions (mm/inch)**

