

Dekesi D-6000

HD Video Conference Server — Enterprise-Grade MCU



- Key Highlights**
- Telecom-grade **modular architecture** — 7×24 continuous operation
 - **Hot Backup** — automatic failover to standby server, zero interruption
 - Processes **200 SVC channels & 128 AVC channels at 4K@30fps**
 - Up to **20 independent simultaneous conferences**
 - **3 × Gigabit RJ45** — dual-port redundant network support
 - Integrated **TV Wall expansion port** for command center display
 - Dedicated embedded OS — purpose-built for **enterprise video conferencing**

The **Dekesi D-6000** is a high-definition video conference server built on a dedicated embedded architecture with telecom-grade modular design, engineered for continuous 7×24 operation in large-scale enterprise and government environments. It supports up to 200 SVC endpoints and 128 AVC channels at 4K@30fps, with the ability to host 20 independent concurrent conferences. The Hot Backup mechanism automatically transfers active sessions to a standby server in case of failure, ensuring zero disruption. Three Gigabit RJ45 ports with dual-redundant network support, plus an integrated TV Wall expansion port, make D-6000 the ideal central infrastructure for command centers, government agencies, and multi-branch enterprise video conferencing systems.

TECHNICAL SPECIFICATIONS			
Model	D-6000	Max Concurrent Conferences	20 Independent Conferences
Device Type	HD Video Conference Server (MCU)	Network Ports	3 × RJ45 — 10/100/1000 Mbps
Operating System	Dedicated Embedded OS	Redundant Network	2-Port Dual-Network Backup
Architecture	Telecom-Grade Modular Design	Hot Backup	Yes — Primary / Standby Failover
Operation Mode	7×24 Continuous Operation	Failover Mode	Automatic — Zero Conference Interruption
SVC Capacity	200 Channels	TV Wall Port	1 × Expansion Port
AVC Capacity	128 Channels @ 4K@30fps	Deployment	Command Center, Gov., Enterprise HQ