



QL-MCTS-882

Multi-Channel Time Server

A dedicated network time-sync appliance that keeps hundreds of IP cameras, NVRs, and VMS platforms aligned to one clock — with millisecond-level visibility, from a single browser page.

Model	QL-MCTS-882
Product Name	Multi-Channel Time Server
Manufacturer	Qualitech Technology Pte. Ltd.
Quality System	ISO 9001 Certified
Document No.	QL-DS-MCTS882-001
Revision	V1.03
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Product Overview

The QL-MCTS-882 Multi-Channel Time Server is a dedicated network time-synchronisation appliance that aligns the clocks of hundreds of devices at once, keeping every video channel in step to within milliseconds. Acting as the intelligent time source for the local network, it continuously synchronises IP cameras, NVRs, and other edge devices, correcting the timestamp drift that naturally builds up between multi-vendor or cross-generation equipment as differences in buffering and processing power pull their clocks apart over time.

Multiple Sync Modes

Choose from several time-sync strategies, matched to each device and project's needs.

Millisecond Status at a Glance

Millisecond-accurate monitoring with clear visual indicators — the sync status of every device is visible at a glance.

Effortless Web Management

Access directly from a browser, nothing to install. A built-in scan instantly finds and lists every camera-related device on the network.

Independent Per-Device Control

Set the sync frequency and time offset for each device individually — a natural fit for mixed-brand fleets.

Keeps Working Offline

Even with the upstream network down, or on a fully isolated network, the unit keeps serving as an independent, accurate time reference.

Built for Scale

Supports hundreds of devices on a single network, with capacity that grows as a project grows.

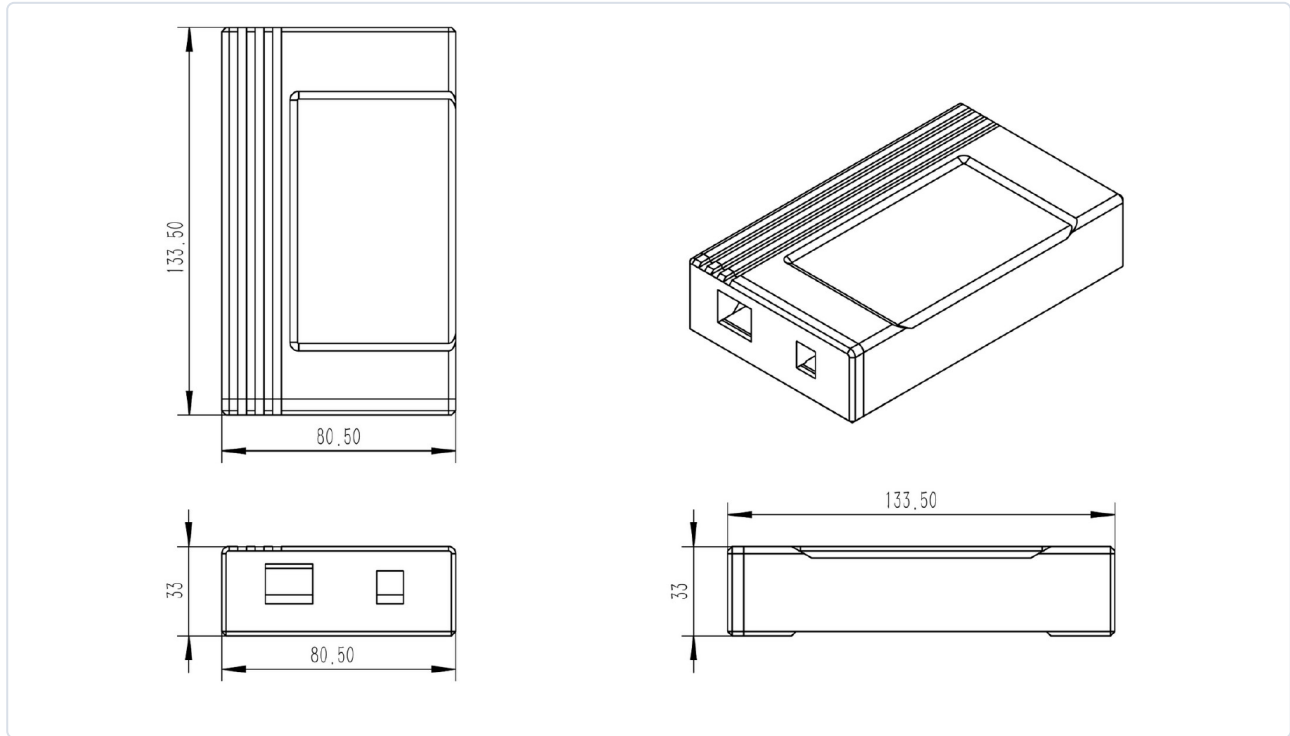
Key Specifications

Model	QL-MCTS-882
Product Name	Multi-Channel Time Server
Manufacturer	Qualitech Technology Pte. Ltd.
Power Input	DC 12V
Network Interface	1 × RJ45 network port
Management	Web browser — no software installation required
Device Capacity	5 devices included, with headroom to expand as a deployment grows
Dimensions (W × D × H)	133.5 × 80.5 × 33 mm
Cooling	Fanless, silent operation

Quality System

ISO 9001 Certified

Outline Dimensions



Dimensions shown in millimeters (mm).

Application Scenarios

- Campus and building surveillance — one aligned time base across every camera
- Government and other isolated networks, with no internet connection required
- Mixed-vendor camera projects, managed uniformly from one screen
- Retrofit of existing surveillance systems, with no edge hardware to replace
- Sites where trustworthy, cross-referenced timestamps matter for review or audit
- Multi-server deployments across large or zoned sites

Partner with Qualitech Technology

Qualitech Technology Pte. Ltd. supports integrators with evaluation units and deployment guidance — backed by our regional engineering and support network.

Contact & Ordering Information

COMPANY

Qualitech Technology Pte. Ltd.

MODEL

QL-MCTS-882

CONTACT EMAIL

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PRODUCT NAME

Multi-Channel Time Server

WEBSITE

qualitech-sg.com

QUALITY SYSTEM

ISO 9001 Certified

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