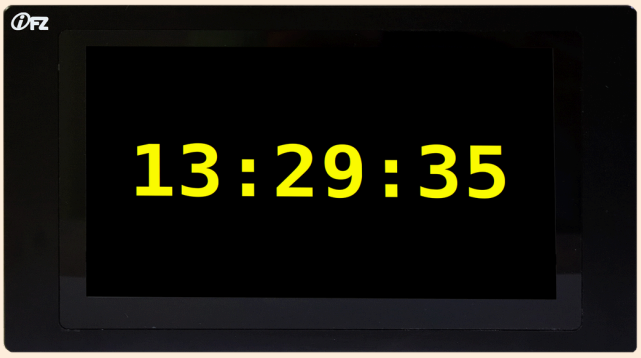
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iCLOCK-DP

Designed for high-stakes environments, iClock- DP delivers high-precision time display with multi-server NTP synchronization. This robust network architecture prevents time drift and ensures continuous, reliable operation when every second counts.



DESCRIPTION

iClock-DP is a high-precision digital clock designed for time-critical operational environments, including Air Traffic Control (ATC), control rooms, broadcast facilities, and other systems where accurate and reliable time display is essential.

Beyond serving as a clear and easy-to-read digital clock, iClock-DP is engineered with network time synchronization capability. The system automatically obtains reference time from multiple NTP (Network Time Protocol) servers, allowing it to maintain accurate time even if one time source becomes unavailable.

This multi-server synchronization design improves reliability, reduces the risk of time drift, and supports continuous operation in environments where timing consistency is important. With its stable time reference architecture and simple visual display, iClock-DP is well suited for professional installations that require dependable, synchronized time across operational areas.

SPECIFICATION

Display type	AMO-LED 5" Diagonal
Display digit	6 digit HH : MM : SS
Display color	Green / Red / Yellow / White
Time format	24Hrs/12Hrs
Internal time base	32kHz TCXO
Operation mode	Synchronization / Holdover
Synchronization status indication	On screen
Master synchronization protocol	NTP
Master re-synchronization	Automatic
Master synchronization server	4 server
Operating systems	Linux
Remote control	HTML5
Network interface	RJ45 GBE
Network IP	IPv4 / IPv6
PoE Voltage	48V
Mechanical housing	Aluminum CNC Black anodize

FEATURE

- High-Precision
- Multi-Server NTP
- Continuous Operation

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