

STARWATCH SOFTWARE GUIDE

Product Name	STARWATCH ENTERPRISE	STARWATCH STANDARD	STARWATCH TIME PRO TIME BASIC	STARWATCH DUAL PRO I	STARWATCH iTDC PRO I	STARWATCH DUAL PRO II	STARWATCH iTDC PRO II	STARWATCH LX ACCESS PRO II
Compatible Controller	iMDC	iTDC Series	iTDC Series	iCON100	iTDC Series	iCON100	iTDC Series	LX505 Series
	iEDC	iCON100 FINGER007 Series 505R Series LX007 Series LX505 Series MAC1000 Series MAC2000 Series	iCON100 FINGER007 Series 505R Series LX007 Series LX505 Series MAC1000 Series MAC2000 Series	FINGER007 Series 505R Series	ELEVATOR 384	FINGER007 Series 505R Series	ELEVATOR 384	LX007 Series

General

Server Operating System	Windows 2003 Server	Windows 2003 Server	Windows 2003 Server	Windows 2003 Server	Windows 2003 Server	Windows 2003 Server	Windows 2003 Server	Windows 2003 Server
Client Operating System	Windows XP	Windows XP	Windows XP	Windows XP	Windows XP	Windows XP	Windows XP	Windows XP
	Windows Vista	Windows Vista	Windows Vista	Windows Vista	Windows Vista	Windows Vista	Windows Vista	Windows Vista
	Windows 7	Windows 7	Windows 7	Windows 7	Windows 7	Windows 7	Windows 7	Windows 7
RS232/RS422	YES	YES	YES	YES	YES	YES	YES	YES
Ethernet Communication	YES	YES	YES	YES	YES	YES	YES	YES
Central Alarm Monitoring	YES	YES	YES	YES	YES	YES	YES	YES
Central Database Management	YES	YES	YES	NO	NO	YES	YES	YES
Online Help Support	YES	YES	YES	YES	YES	YES	YES	YES
Multi-Language Support	YES	YES	YES	YES	YES	YES	YES	YES
Redundant Server/Host	YES	NO	NO	NO	NO	NO	NO	NO
Web Browser Interface	NO	NO	YES(Report Only)	NO	NO	NO	NO	NO

System Capacity

Maximum Client	20 Clients	20 Clients	20 Clients	NO	no	20 Clients	20 Clients	20 Clients
Workstation Definable								
Maximum Users - Unlimited - Per Controller	Unlimited	50,000 (iTDC)	50,000 (iTDC)	10,000 (iCON100)	50,000	10,000	50,000	20,000
	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Maximum Readers	255*255*32	255*99*4 (iTDC)	255*99*4 (iTDC)	32*99*2	255*99*4	32*99*2	255*99*4	255*99*2
Supervisory Signal Check	255*255*128	255*99*15 (iTDC)	255*99*15 (iTDC)	32*99*5	255*99*15	32*99*5	255*99*15	255*99*5
Maximum Input Ports								
Maximum Output Ports	255*255*128	255*99*15 (iTDC)	255*99*15 (iTDC)	32*99*5	255*99*15	32*99*5	255*99*15	255*99*5
Maximum Holidays	68*128	15*100 (iTDC)	15*100 (iTDC)	10*32	15*100	10*32	15*100	10*100

Controller Management/Features

Networking Protocols	YES	YES	YES	YES	YES	YES	YES	YES
Self-Diagnostics	YES	YES	YES	YES	YES	YES	YES	YES
Embedded Processor	YES	YES	YES	YES	YES	YES	YES	YES
Maximum Events per Controller	200,000	14,000 (iTDC)	14,000 (iTDC)	26,000 (FINGER007)	14,000	26,000 (FINGER007)	14,000	20,000
Flash Memory	YES	YES	YES	NO	YES	NO	NO	NO
Maximum Readers per Controller	32	4 (iTDC)	4 (iTDC)	2	4	2	4	2
Onboard Ethernet	YES	YES(iTDC/LX007/LX505)	YES(iTDC/LX007/LX505)	YES(iCON100)	YES	YES (iCON100)	YES	YES

Controller Management/Features

Product Name	STARWATCH ENTERPRISE	STARWATCH STANDARD	STARWATCH TIME PRO TIME BASIC	STARWATCH DUAL PRO I	STARWATCH iTDC PRO I	STARWATCH DUAL PRO II	STARWATCH iTDC PRO II	STARWATCH LX ACCESS PRO II
Web Browser Remote	NO	NO	YES(Report Only)	NO	NO	NO	NO	NO
Access / Diagnostics								
Multi-Format Support	YES	NO	NO	NO	NO	NO	NO	NO
Operating System - Proprietary	Embedded Linux	Proprietary	Proprietary	Proprietary	Proprietary	Proprietary	Proprietary	Proprietary
USB Slot	YES	NO	NO	NO	NO	NO	NO	NO
Redundant	YES	NO	NO	NO	NO	NO	NO	NO
Communication								
Encrypted Algorithm	3DES	3DES	3DES	3DES	3DES	3DES	3DES	3DES
Peer-to-Peer	YES	NO	NO	NO	NO	NO	NO	NO
Communication								
Fingerprint Capture	YES	YES	YES	YES	YES	YES	YES	YES

Report Features

Event/Alarm History Report	YES	YES	YES	YES	YES	YES	YES	YES
Tracking and In-Room Report	YES	NO	NO	YES	YES	YES	YES	YES
User Defined Report	YES(Reporting Tool Embedded)	NO	YES(Reporting Tool Embedded)	NO	NO	NO	NO	NO
Excel & PDF Report Format	YES	YES	YES	YES	YES	YES	YES	YES
HTML Report Format	YES	YES	YES	YES	YES	YES	YES	YES
ID/Daily Attendance Report	YES	YES	YES	YES	YES	YES	YES	YES
Monthly/Yearly	YES	YES	YES	YES	YES	YES	YES	YES
Attendance Report								
T&A Report Preview	YES	YES	YES	YES	YES	YES	YES	YES

Access Control Features

Visitor Management	YES	NO	NO	YES	YES	YES	YES	YES
Duress Mode	YES	YES	NO	YES	YES	YES	YES	YES
Anti-Passback (Zone)	YES	YES	NO	YES	YES	YES	YES	YES
Elevator Management	NO	NO	NO	NO	YES	NO	YES	NO
2 Men Operation	YES	YES	NO	NO	YES	NO	YES	YES
Intercom System Interface	YES	YES	NO	YES	YES	YES	YES	YES
Video Surveillance System Interface	NO	NO	NO	YES	YES	YES	YES	YES
Fire/Alert Alarm System	YES	YES	NO	YES	YES	YES	YES	YES
Integration								
Multi-Access Group	YES	YES	NO	YES	YES	YES	YES	YES
Power Out Alert	YES	YES	NO	YES	YES	YES	YES	YES
Rotating Event Display	YES	YES	NO	YES	YES	YES	YES	YES
Tour Guard Management	YES	NO	NO	YES	YES	YES	YES	YES
Intruder Surveillance	YES	YES	NO	YES	YES	YES	YES	YES
Management								

User Database

Product Name	STARWATCH ENTERPRISE	STARWATCH STANDARD	STARWATCH TIME PRO TIME BASIC	STARWATCH DUAL PRO I	STARWATCH iTDC PRO I	STARWATCH DUAL PRO II	STARWATCH iTDC PRO II	STARWATCH LX ACCESS PRO II
RDMS Database	Microsoft SQL Server 2005	Microsoft SQL Server 2005	Microsoft SQL Server 2005	Microsoft ACCESS	Microsoft ACCESS	Microsoft SQL Server 2005	Microsoft SQL Server 2005	Microsoft SQL Server 2005
Database Import/Export	YES	YES	YES	YES	YES	YES	YES	YES
Database Partitioning	YES	YES	YES	YES	YES	YES	YES	YES
Search on Any Field	YES	YES	YES	YES	YES	YES	YES	YES
Automatic Card	YES	YES	NO	YES	YES	YES	YES	YES
Activation/Deactivation								
Supports Card Status	YES	YES	NO	NO	NO	YES	YES	YES
(Lost, etc.) Setting								
Bulk Card Registration/Deletion	YES	YES	NO	YES	YES	YES	YES	YES
Supports Multiple Card per User	YES	YES	NO	NO	NO	NO	NO	NO
Door Opening Time Setting	YES	YES	NO	NO	YES	NO	YES	YES
for People with Disabilities								
Audit Trail	YES	YES	NO	NO	NO	NO	NO	NO

Alarm Management

Alarm Notification to the Administrator	YES	YES	NO	YES	YES	YES	YES	YES
Monitoring & Management via Graphic Map	YES	YES	NO	YES	YES	YES	YES	YES
Audible Alarm	YES	YES	NO	YES	YES	YES	YES	YES
E-Mail	YES	YES	NO	YES	YES	YES	YES	YES
Event for Unapproved Alarm	YES	YES	NO	YES	YES	YES	YES	YES
Event Status Monitoring	YES	YES	NO	YES	YES	YES	YES	YES
SMS Service	YES	YES	NO	YES	YES	YES	YES	YES

ID Badging System

Batch Printing Mode	NO	NO	NO	YES	YES	YES	YES	YES
Allows Printing of User Defined Fields	NO	NO	NO	YES	YES	YES	YES	YES
Multiple Badge Template Support	NO	NO	NO	YES	YES	YES	YES	YES
Image Capture/Export	NO	NO	NO	YES	YES	YES	YES	YES

Time & Attendance

Work Time Setting	YES	YES	YES	YES	YES	YES	YES	YES
Work Type Definition	YES	YES	YES	YES	YES	YES	YES	YES
Work Holiday Definition	YES	YES	YES	YES	YES	YES	YES	YES
T&A Reader Group Definition	YES	YES	YES	YES	YES	YES	YES	YES
Shift T&A	NO	NO	YES	NO	NO	NO	NO	NO
Break Time Definition	NO	NO	YES	YES	NO	YES	NO	YES
Function Key Definition	NO	NO	YES	YES	NO	YES	NO	YES
Meal Time Management	NO	NO	YES	NO	NO	NO	NO	NO
Overtime Work Management	YES	YES	YES	NO	NO	NO	NO	NO

Others

Data Import/Export	Import	Import	Import	Import	Import	Import	Import	Import
3rd Party Biometrics Device Support	YES, Wiegand	YES, Wiegand	YES, Wiegand	YES, Wiegand	YES, Wiegand	YES, Wiegand	YES, Wiegand	YES, Wiegand
3rd Party Iris Scan Device Support	YES, Wiegand	YES, Wiegand	YES, Wiegand	YES, Wiegand	YES, Wiegand	YES, Wiegand	YES, Wiegand	YES, Wiegand
3rd Party SMART Card Device Support	YES, Wiegand	YES, Wiegand	YES, Wiegand	YES, Wiegand	YES, Wiegand	YES, Wiegand	YES, Wiegand	YES, Wiegand