

STARWATCH

Software Selection Guide



Product	STARWATCH ENTERPRISE	STARWATCH STANDARD	STARWATCH TIME PRO	STARWATCH DUAL PRO I	STARWATCH iTDC PRO I	STARWATCH DUAL PRO II	STARWATCH iTDC PRO II	STARWATCH LX ACCESS PRO II
Controller	iMDC	All IDTECK Controllers	iTDC Series FINGER07 Series FGRO07 Series 505R Series iCON100 Series LX007 Series LX505 Series	iCON100 Series FINGER07 Series FGRO07 Series 505R Series	iTDC Series	iCON100 Series FINGER07 Series FGRO07 Series 505R Series	iTDC Series	LX007 Series LX505 Series

General								
Server Operating System	Windows 2000 / 2003 Server	Windows 2000 / 2003 Server	Windows 2000 / 2003 Server	Windows 2000 / 2003 Server	Windows 2000 / 2003 Server	Windows 2000 / 2003 Server	Windows 2000 / 2003 Server	Windows 2000 / 2003 Server
Client Operating System	Windows 2000 Pro / XP / Vista							
Dial-up Modem / RS232 / RS422	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
TCP/IP 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 Sever / 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 Workstation Definable	Unlimited	Unlimited	Unlimited	No	No	20 Clients	20 Clients	20 Clients
Maximum Cardholders	Unlimited	50,000(iTDC)	50,000(iTDC)	10,000(iCON100)	50,000	10,000	50,000	20,000
Maximum Access Levels	Unlimited	Unlimited	Unlimited	999	999	999	999	999
Maximum Readers	255*255*32	255*99*4(iTDC)	255*99*4(iTDC)	32*99*2	32*99*4	32*99*2	32*99*4	32*99*2
Maximum Supervised Inputs	255*255*128	255*99*15(iTDC)	255*99*15(iTDC)	32*99*5	32*99*15	32*99*5	32*99*15	32*99*5
Maximum Outputs	255*255*128	255*99*15(iTDC)	255*99*15(iTDC)	32*99*5	32*99*15	32*99*5	32*99*15	32*99*5
Maximum Holidays	68*128	15*100(iTDC)*	15*100(iTDC)*	10*32	15*100	10*32	15*100	10*100

Access Control Specifications								
Visitor Management	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Duress Mode	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Anti-pass Back Protection (Zone)	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Elevator Control	No	No	No	No	Yes	No	Yes	No
Two Person Rule Access Control	Yes	Yes	No	No	Yes	No	Yes	No
Intercom System Interface	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Video Surveillance Interface	No	No	No	Yes	Yes	Yes	Yes	Yes
Fire/Burglar Alarm System Integration	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Multiple Access Group	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Alarm for Power Failure	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Rolling Transaction Display	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Guard Tour	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Intrusion Zones	Yes	No	No	Yes	Yes	Yes	Yes	Yes
Occupancy Restriction	Yes	No	No	Yes	Yes	Yes	Yes	Yes
Asset Management 3rd Party Support	No	No	No	No	No	No	No	No
Building Lighting / HVAC Control Interface	No	No	No	No	No	No	No	No
Interface to Alarm Panels via ASCII text	No	No	No	No	No	No	No	No
Portable Readers	No	No	No	No	No	No	No	No

Cardholder Database								
Relational Database	MS-SQL 2005 / ORACLE 10g	MS-SQL 2005 / ORACLE 10g	MSDE / MS-SQL 2000 / ORACLE 10g	MS ACCESS 97	MS ACCESS 97	MSDE / MS-SQL2000	MSDE / MS-SQL2000	MSDE / MS-SQL2000
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 Activation / Deactivation	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Support for Badge Status (Lost, etc.)	Yes	Yes	No	No	No	Yes	Yes	Yes

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Bulk Card Addition/Deletion	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Automatic Download to Controllers on Changes	No	No	No	No	No	No	No	No
Support of Multiple Badges per Person	Yes	Yes	No	No	No	No	No	No
Disability Designation for Extended Shunt	Yes	Yes	No	No	Yes	No	Yes	Yes
Extended Shunt by Cardholder & Door	Yes	Yes	No	No	Yes	No	Yes	Yes
Audit Trail	Yes	Yes	No	No	No	No	No	No

Controller Administration / Features								
Networking Protocols	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Self Diagnostic	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Embedded Processor	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Scalable Memory	Yes	No	No	No	No	No	No	No
Maximum Event Buffers 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)	No	Yes	No	Yes	Yes
Web-browser Remote Access / Diagnostics	No	No	Yes (Report Only)	No	No	No	No	No
Multi Format Support	Yes	No	No	No	No	No	No	No
Operating System	Embedded Linux	Proprietary	Proprietary	Proprietary	Proprietary	Proprietary	Proprietary	Proprietary
USB Slot	Yes	No	No	No	No	No	No	No
Dual Path Redundant Communications	Yes	No	No	No	No	No	No	No
Encryption Algorithm	3DES	3DES	3DES	3DES	3DES	3DES	3DES	3DES
Peer-to-Peer Communications	Yes	No	No	No	No	No	No	No
Finger Print Capture	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Reporting								
Event / Alarm History Report	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Tracking & Mustering Report	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
User Design Report	Yes (Reporting Tool Embedded)	No	Yes (Required Cysrall Report)	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/Annual Attendance Report	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Time & Attendance Report Preview	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Alarm Management								
Alarm Instruction to the Operator	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Dynamic Alarm Monitoring / Control from Maps	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 Unacknowledged Alarm	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Alarm Routing	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
SMS Service	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes

Badge Imaging System								
Digital Camera Support	No	No	No	Yes	Yes	Yes	Yes	Yes
Batch Mode Printing	No	No	No	Yes	Yes	Yes	Yes	Yes
Allows Printing of User Defined Fields	No	No	No	Yes	Yes	Yes	Yes	Yes
Printing on Both Sides	No	No	No	No	No	No	No	No
Multiple Badge Template Support	No	No	No	Yes	Yes	Yes	Yes	Yes
Image Capture/Import	No	No	No	Yes	Yes	Yes	Yes	Yes
Signature Capture/Import	No	No	No	No	No	No	No	No

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Time and Attendance								
Work Type Management (Personal)	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
Time and Attendance Reader Group Definition	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Shift Time and Attendance	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
Over Time Work Management	Yes	Yes	Yes	No	No	No	No	No
Other								
Import / Export Maps	Import	Import	Import	Import	Import	Import	Import	Import
Biometrics 3rd Party Support	Yes, Wiegand	Yes, Wiegand	Yes, Wiegand	Yes, Wiegand	Yes, Wiegand	Yes, Wiegand	Yes, Wiegand	Yes, Wiegand
Iris Scan Support	Yes, Wiegand	Yes, Wiegand	Yes, Wiegand	Yes, Wiegand	Yes, Wiegand	Yes, Wiegand	Yes, Wiegand	Yes, Wiegand
Smart Card 3rd Party Integration	Yes, Wiegand	Yes, Wiegand	Yes, Wiegand	Yes, Wiegand	Yes, Wiegand	Yes, Wiegand	Yes, Wiegand	Yes, Wiegand