ISC2500-SCT-G-OS ITS Terminal





Overview

ISC2500-SCT-G-OS is a new generation of outdoor terminal for intelligent transportation, which integrates video management, data management, iSCSI storage, video decoding, image processing, network switching and other functions. It can work independently, or network with platforms to form a more powerful security surveillance system.

Features

- Embedded Linux OS ensures 24/7 stable operation and prevents hackers and viruses.
- Dual NICs.
- Equipped with 6 Ethernet electrical ports and 5 Ethernet optical ports.
- Compatible with video of multiple resolutions including CIF, D1, 720P, 1080P, 2K, 4K, etc.
- Comprehensive video processing functions, supports decoding video in H.265, H.264 and other mainstream formats.
- Image OSDs including license plate, lane, time, location, etc.
- Image composition.
- iSCSI direct block storage, supports video retrieval and playback in seconds.
- Supports image storage, retrieval, view, export, upload, etc.
- Supports receiving data via serial ports.
- Supports S.M.A.R.T. test.
- Supports alarm input and linkage.
- Die-cast aluminum casing with modern design effectively shields electromagnetic interference to ensure stable and reliable operation.

Specifications

Device	Description		
Video compression	H.265/H.264		
Camera support	1 to 16		
Image composition	Supports composition of 2/3/4/6 images		
Image operations	Supports image storage, retrieval, view, export, and upload		
Image OSD	Supports text overlays including license plate, lane, time, location, etc.		
HDD	4 × 3.5" SATA slot		
Interface	Description		
Network	Dual NICs, supports network isolation and interconnection 2 x 1000M self-adaptive Ethernet electrical port, 4 x 100M Ethernet electrical port; 1 x 1000M Ethernet optical port, 4 x 100M Ethernet optical port		
USB	2 × USB3.0 (compatible with USB2.0)		
Serial port	3 × RS-232, 4 × RS-485		
Alarm input	8 × alarm input interface (Phoenix terminal)		
Alarm output	4 × alarm output interface (Phoenix terminal)		
Power output	DC12V, 500mA		
Power input	DC12V, 10A		
Hardware	Description		
Power consumption	≤ 20W (without HDD, with heating off) ≤ 105W (full-load 4T HDDs, with heating on)		
Operating temperature	-30°C to 70°C		
Operating humidity	5% to 95% RH, non-condensing		
Weight	Without HDD < 7kg Full-load HDDs < 9.5kg		
Dimensions	350mm(W) × 320 mm(D) × 70 mm(H)		

Ordering Information

Model	Quantity	Remarks
ISC2500-SCT-G-OS	1	ISC2500-SCT-G-OS ITS terminal

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* Product specifications and availability are subject to change without notice.