Intellastar

T-Star 350 Data Sheet

SkySpark EVERYWHERE
IoT platform

The T-Star 350 is a node running the SkySpark platform. The 350 enables IoT solutions to be deployed where needed, supporting the distributed architecture of the SkySpark platform.
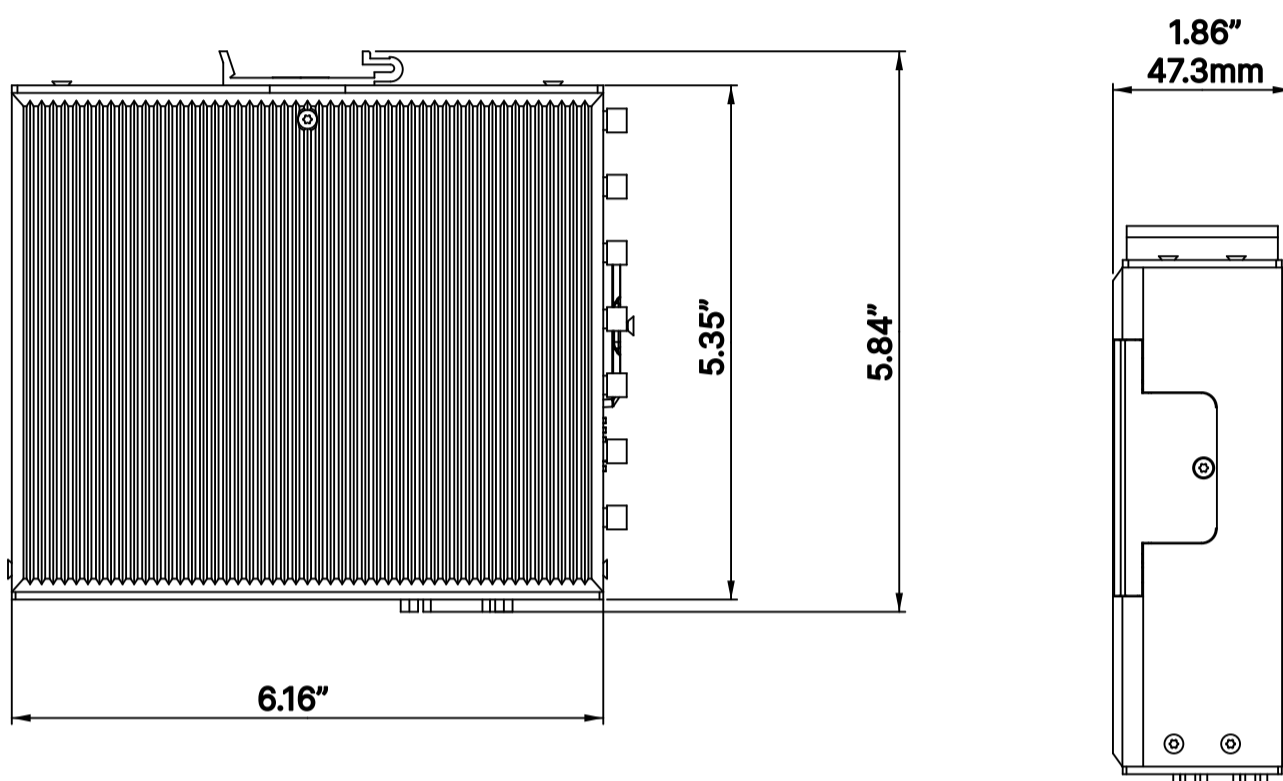
With a variety of connection protocols, connect and trend data from any source, local or remote, with the 350.

The T-Star 350 Platform is part of a comprehensive range of hardware, software, and connection services that enable Service Providers to deliver the benefits of the Internet of Things to Intelligent Buildings, Equipment, and Smart Devices.

- Dual SIM LTE Cat 4 Modem
- WiFi
- 2 Ethernet Ports
- 2 DB9 ports for RS-232, RS-485, RS-422
- 2 USB A
- 1 USB C
- 4 Digital Inputs
- 4 Digital Outputs

Order Information	
Part Number	Description
350-US	US Modem Spec
350-EMEA	Europe, Middle East, Africa Modem Spec
T3T-10	10 point License pack
T3T-100	100 point License pack
T3T-1000	1000 point License pack

Dimensions

1.86"
47.3mm

5.35"

5.84"

6.16"

Hardware Platform	
CPU	Quad-Core Cortex-A55@ 2.0Ghz
RAM	4GB
Storage	16GB eMMC
Interfaces	
Ethernet	(2) 10/100/1000Mbps
Serial Port	(2) DB9 RS-232/422/485
I/O	(4) Digital Input, (4) Digital Output
Canbus	CAN 2.0AB
WiFi	STA, 802.11a/b/g/n, Dual band 2.4G/5G
Bluetooth	BLE4.2
GPS	Supports GPS, Beidou, GLONASS positioning
USB	(2) USB 2.0 Type A
HDMI	(1) HDMI 2.0
Expansion Interface	(1) mSATA
Reset Button	Pinhole
SIM Card	(2) Micro Sim
TF Card	Supports Micro SD
Cellular Modem	LTE CAT4/6, 5G, SA/NSA
Security	
TPM	Integrated TPM 2.0
Secure Boot	Supported
Power Supply	
Power Input	DC 12-48V Polarity Reversal Protection
Power Consumption	8W
Indicators	
LED	4G/5G, Signal Strength(L1,L2,L3), SIM1, SIM2, User1, User2, PWR, STATUS, WARN, ERR
EMC Index and Physical Features	
Electrostatic Discharge	EN61000-4-2, Level 3
Radiation RFI Immunity	EN61000-4-3, Level 3
Electrical Fast Transients	EN61000-4-4, Level 3
Surge	EN61000-4-5, Level 3
Conducted RFI	EN61000-4-6, Level 3
Ring Wave Immunity	EN61000-4-12, Level 3
Power Frequency Magnetic Field Resistance	EN61000-4-8, horizontal / vertical 400A/m (>level 2)
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
FreeFall	IEC60068-2-32
Working Temperature	(-20) ~ 70°C
Storage Temperature	(-40) ~ 85°C
Ambient Humidity	5-95% (non-condensing)
Certification	
CE, FCC, PTCRB, GCF, Verizon Wireless, AT&T, T-Mobile, Deutsche Telecom, British Telecom	