Layer23 switch.com

IE-3100-8T2C-E DataSheet

IE-3100-8T2C-E、Rugged DIN-rail Gigabit switch with 8 copper ports and 2 combo uplinks; Cisco IOS XE security—ideal for factory, energy & transportation.

Get a Quote

IE-3100-8T2C-E Description

Cisco IE-3100-8T2C-E industrial Ethernet switch brings rugged, DIN-rail Gigabit connectivity to harsh environments. This fan-less, compact model offers eight 10/100/1000 Base-T copper ports plus two combo SFP/RJ-45 uplinks for flexible fiber or copper backhaul. Powered by Cisco IOS XE Network Essentials, the switch supports Layer-2 automation protocols, secure boot, and intuitive WebUI, delivering a "set-and-forget" experience for Industry 4.0 and smart-building deployments. Cisco Catalyst IE3100 rugged switch, industrial gigabit edge switch, and hardened DIN-rail switch are all synonyms that boost search relevance.

Model Meaning

Code segment	Meaning
IE	Cisco Industrial Ethernet family
3100	IE 3100 Rugged Series
8T	8 × 10/100/1000 Base-T RJ-45 downlinks
2C	2 × 1 Gb combo (SFP / RJ-45) uplinks
E	*Network Essentials* software license

Key Features

Rugged Industrial Ethernet Switch Product Comparison

Parameter	IE-3100-8T2C-E	IE-3100-4T2S-E	IE-3100-8T4S-E
Downlink ports	8 × RJ-45	4 × RJ-45	8 × RJ-45
Uplink ports	2 × 1 G combo	2 × 1 G SFP	4 × 1 G SFP
Total ports	10	6	12
PoE support	No	No	No
Power draw	17.7 W	14 W	17.8 W
Input voltage	9.6–60 V DC	9.6–60 V DC	9.6–60 V DC
Dimensions (in)	5 × 3 × 4.33	5 × 2.55 × 4.33	5 × 3 × 4.33
Weight	0.86 kg	0.73 kg	0.86 kg
License	Essentials	Essentials	Essentials

Specification

Parameter	Value
Model	IE-3100-8T2C-E
Total Ports	10 × 1 GbE
Copper Downlinks	8 × 10/100/1000 RJ-45
Combo Uplinks	2 × 1 G SFP/RJ-45
Software License	Network Essentials
Switching Capacity	Line-rate, all ports
Forwarding Rate	Line-rate, all sizes
MAC Address Table	8 000 entries
VLANs Supported	256
IGMP Groups	512
Egress Queues	8 hardware queues
DRAM	4 GB
SD Card Support	1 / 4 / 16 GB
Input Voltage	9.6 – 60 V DC (dual)
Typical Power	17.7 W
Max Current	2 A @ 12 V; 0.5 A @ 48 V
Inrush Current	10 A (7 ms) @ 12 V
Dimensions (H × W × D)	5 × 3 × 4.33 in (127 × 76 × 110 mm)
Weight	0.86 kg (1.9 lb)

Want to Buy

Order Now Get a Quote

Why Layer23-Switch.com

As a leading network hardware supplier, Layer23-Switch.com focuses on original new ICT equipment of Cisco, H3C, Juniper, etc.

200+

Countries we Sold

18,000+

Customers Trusted

$20,000,000

Inventory Available

50%–98%

Off Global List Price

100%

Safe Online Shopping

Contact Us

- Tel: +86-17181189993
- WhatsApp: +8613464386404
- Email: sales@layer23-switch.com