

VIVID EYE TECHNOLOGIES

★ 16 x gigabit PoE RJ45 ports, 1 x gigabit RJ45 port, 1 x gigabit fiber optical port

★ Unified cloud management for security systems

★ Remote troubleshooting

★ Up to 300 m long-range PoE transmission

★ Total PoE power budget 130 W

★ Network topology at your fingertips

★ Visualized topology management

★ 6 kV surge protection

MODEL NUMBER
VET-1518PES



VIVID
EYE TECH
Security Surveillance & Detection

POE- POWER OVER EATHERNET SWITCH

Network Parameters

Ports 16×Gigabit PoE port,1×Gigabit RJ45 port,1×Gigabit fiber optical port

MACAddress Table 8K

Switching Capacity 56 Gbps

Packet Forwarding Rate 41.66

Mpps

Internal Cache 4.1 Mbits

PoE Power Supply

PoE Standard IEEE 802.3af,IEEE 802.3at

PoE Power Pin 8-pin
power:1/2(-),3/6(+),4/5(+),7/8(-)

PoE Port PoE:Ports 1 to 16

Max.Port Power 30W

PoE Power Budget 130W

Software Function

Long Range Ports 1 to 16:up to 300 m.

Long range performance may vary depend on camera model or cable condition

Port Isolation Ports 1 to 16:port isolation mode to improve network security.

Ports in an isolation group cannot communicate with each other,but they can communicate with ports outside the isolation group.

PoE Watchdog Ports 1 to 16:auto detect and restart the cameras that do not respond.

Link Aggregation Link aggregation is used to aggregate multiple physical ports to form a logical port for load balancing,bandwidth expansion,and port protection. Support static link aggregation. Support 8 aggregation groups.

Loop Prevention Loop prevention is used to prevent the switching network from forming loops,which will seriously affect network communication.Disabled by default. Support 802.1D STP. Support 802.1w RSTP.

VLAN VLAN is used for network scale planning and network health improvement Support 802.1Q Configurable VLAN ID from 1-4094. Support Trunk,Access port mode. Support Max.32 VLAN.

HPP Support one-click activation and remote management via Hik Partner Pro.Functions supported: 1.Display the port rate. 2.Display the port bandwidth utilization rate. 3.Display the PoE power usage. 4.Display topology information. 5.Display the alarm status. 6.Restart ports and devices 7.Enable port long-range mode 8.Remotely upgrade the device.

System Maintenance Support device management via web. Support DHCP Client.Enabled by default for dynamic assignment of management IP addresses. Support Super IP,which is a fixed IPaddress (10.180.190.200)for direct access. Support remote management via Hik-Partner Pro. Support cable detection.Abnormal open circuits and short circuits as well as network cable length can be detected. Support 802.1ab LLDP for peer device discovery. Support port mirroring for fault locating.

GENERALS

Shell Metal material

Net Weight 2.7 kg (5.9 lb)

Gross Weight 2.9 kg(6.4 lb)

USB interface USB 2.0*2

Dimensions(W×H×D) 440.0
mm×220.8 mm×44.0 mm
(17.32"×8.69"×1.73")

Operating Temperature 0°Cto
45°C(0F to 113°F)

Storage Temperature -40°Cto
85°C(-40°F to 185°F)

Operating Humidity 5%to 95%
(no condensation)

Relative Humidity 5%to 95%(no
condensation)

Power Supply

100~240VAC,50/60 Hz,Max.2.5A

Installation Mode

Rack(equipped with mounting
ears)

Max.Power Consumption 150W

Power Consumption in Idle 20W

Surge Protection 6 kV