PoE/PoE+ SWITCHES
THE BEST SOLUTIONS IN ADVANCED IP SYSTEMS

NOVUS

AAT HOLDING S.A.

PoE/PoE+ SWITCHES

NEW SERIES OF PoE/PoE+ SWITCHES WAS DESIGNED TO MEET THE REQUIREMENTS OF THE MOST ADVANCED IP SYSTEMS.

NOVUS SWITCHES:

- SUPPORT IEEE802.3 AF/AT STANDARDS

- DELIVER HIGH POWER
  - 63 W FOR 4- & 8-PORT SWITCHES
    (UP TO 30 W FOR SINGLE PoE PORT)
  - 370 W FOR 24-PORT SWITCHES
    (UP TO 38 W FOR SINGLE PoE+ PORT)

- INCLUDE 24-PORT MANAGED SWITCH THAT SUPPORTS INSTALLATION IN 19" RACK (MOUNTING HEIGHT: 1U, BRACKETS INCLUDED)

THE VSS MODE SWITCH INCREASES THE TRANSMISSION RANGE TO 250 M* - AT BANDWIDTH OF 10 MBIT/S

24-PORT MANAGED SWITCH IS EQUIPPED WITH DOUBLE COMBO UPLINK PORT (SFP + RJ45)

*THE RANGE WAS OBTAINED IN A TEST ENVIRONMENT AND ITS VALUE COULD VARY DUE TO INTERFERENCES AND INFLUENCE OF OTHER DEVICES

TECHNICAL SPECIFICATION

NOVUS®

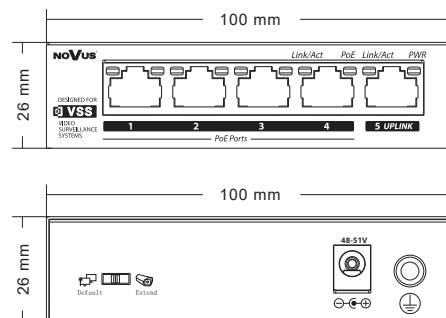|	NVS-3004SP	NVS-3008SP	NVS-5024SP+
Device type	PoE switch	PoE switch	PoE+ managed switch
External ports	PoE ports: 4 x 10/100 Mb/s UPLINK ports: 1 x 10/100 Mb/s	PoE ports: 8 x 10/100 Mb/s UPLINK ports: 1 x 10/100 Mb/s	PoE ports: 24 x 10/100 Mb/s Uplink Combo x 2: SFP(1Gbit) + RJ45(1Gbit)
PoE standards	IEEE802.3 af, IEEE802.3 at	IEEE802.3 af, IEEE802.3 at	IEEE802.3 af, IEEE802.3 at
Switching capacity	1 Gbit/s	1.8 Gbit/s	8.8 Gbit/s
Protocols support	IEEE 802.3, IEEE 802.3u, IEEE 802.3x	IEEE 802.3, IEEE 802.3u, IEEE 802.3x	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.1D, IEEE 802.1w, IEEE 802.1Q
QoS support	no	no	yes
MAC Address list	1K	4K	4K
Buttons	button that increases transmission range and PoE to 250 m* (at 10 Mbit/s bandwidth)	button that increases transmission range and PoE to 250 m* (at 10 Mbit/s bandwidth)	1 button to device reset
Surge protection	yes	yes	yes
RACK mount 19"	-	-	1U
Dimensions — Width (mm)	100	178	284
Dimensions — Height (mm)	26	26	44
Dimensions — Length (mm)	100	104	440
Weight	255 g	600 g	4.35 kg
Power supply	51 V DC (100 ~ 240 V AC/51 V DC power supply included)	51 V DC (100 ~ 240 V AC/51 V DC power supply included)	100 ~ 240 VAC, 50/60Hz
Power consumption	63 W	63 W	420 W
Power efficiency	63 W for ports 1 to 4, up to 30 W for one port	63 W for ports 1 to 8, up to 30 W for one port	370 W for ports 1 to 24, up to 38 W for one port
Operating temperature	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C

*The range was obtained in a test environment and its value could vary due to interferences and influence of other devices.
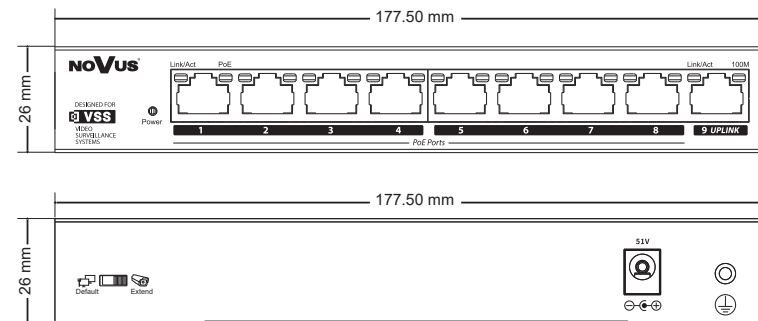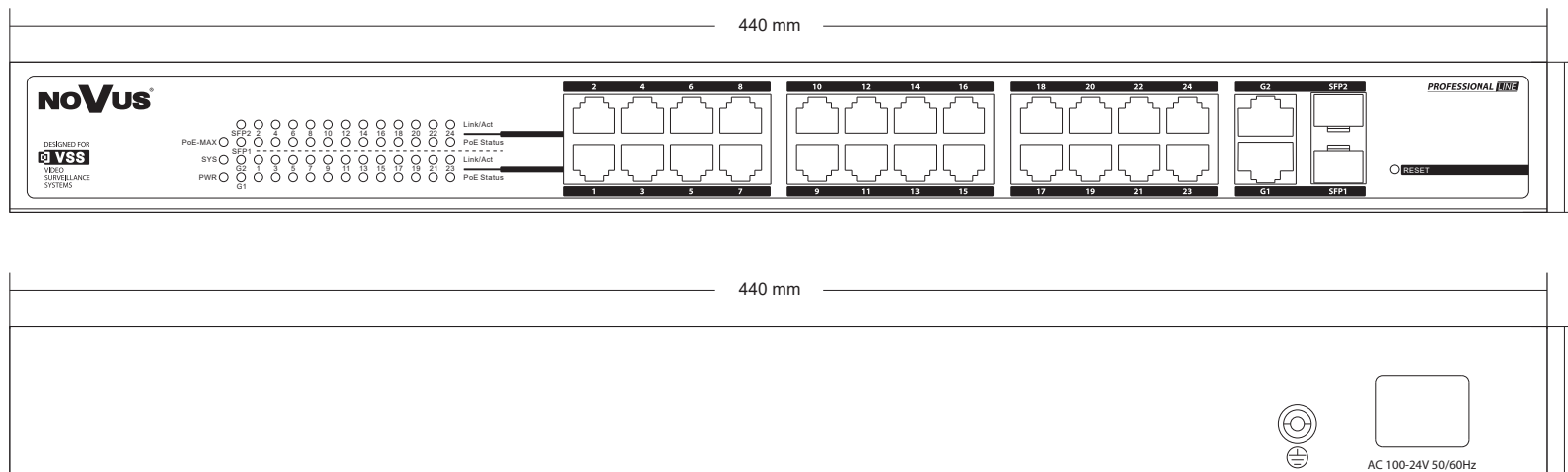
DIMENSIONS ❯

DIMENSIONS

NVS-3004SP

100 mm

26 mm

Link/Act   PoE   Link/Act   PWR

DESIGNED FOR
VSS
VIDEO
SURVEILLANCE
SYSTEMS

1   2   3   4   5 UPLINK

PoE Ports

100 mm

26 mm

48-51V

Default   Extend

NVS-3008SP

177.50 mm

26 mm

Link/Act   PoE   Link/Act   100M

DESIGNED FOR
VSS
VIDEO
SURVEILLANCE
SYSTEMS

Power

1   2   3   4   5   6   7   8   9 UPLINK

PoE Ports

177.50 mm

26 mm

51V

Default   Extend

NVS-5024SP+

440 mm

44 mm

NOVUS

DESIGNED FOR
VSS
VIDEO
SURVEILLANCE
SYSTEMS

SFP2   2   4   6   8   10 12 14 16 18 20 22 24   Link/Act
PoE-MAX   PoE Status
SFP1
SYS   G2   1   3   5   7   9   11 13 15 17 19 21 23   Link/Act
PWR   G1   PoE Status

2   4   6   8   10   12   14   16   18   20   22   24   G2   SFP2   PROFESSIONAL LINE

1   3   5   7   9   11   13   15   17   19   21   23   G1   SFP1   RESET

440 mm

44 mm

AC 100-24V 50/60Hz