

S5224F-ON Switch

System LED Definition

Feature	Detailed Description	Comment
System LED	Solid green – all functions are normal or PICOS is booting. Solid Amber –Major Fault. Indicates summary of all major faults within the system; the faults are traffic affecting. Flashing Amber –Minor Fault: Indicates summary of all minor faults within the system; the faults are not traffic affecting.	At front side
Power LED	Solid Green – Normal. Flashing Amber – Power supply fault. Off – No power.	At front side
FAN LED	Solid Green – all functions are normal. Solid Amber –Any Fan tray fault.	At front side
Beacon LED	Not in use.	At front side
Stacking LED	Not in use.	At front side
7-DIGIT Stack LED	Not in use.	At front side

Port LED Definition

QSFP28 port status LED Indications

1st LED: Green/Amber
<ul style="list-style-type: none"> • Solid Green = Port linked operating at max port speed, i.e. running 100GbE on QSFP28 port. Green (Luminance at 1.5ft = 45+5 cd/m²) • Flash Green (~30ms) = Port Activity operating at max port speed, i.e. running 100GbE on QSFP28 port. Green (Luminance at 1.5ft = 45+5 cd/m²) • Solid Amber = Port linked operating at lower speed, i.e. running 40GbE on QSFP28 port. Amber (Luminance at 1.5ft = 45+5 cd/m²) • Flashing Amber (~30ms) =Port Activity operating at lower speed, i.e. running 40GbE or 10GbE on QSFP28 port. Amber (Luminance at 1.5ft = 45+5 cd/m²) • Off = No link • Flashing Amber with 1 sec on and 1 sec off – Port Beacon Amber (Luminance at 1.5ft = 180+10 cd/m²)
All four LEDs shall be used when 4x25GbE mode or 4x10GbE mode is running on QSFP28 port.
<ul style="list-style-type: none"> • Solid Green = 4x25GbE Link on QSFP28 port. Green (Luminance at 1.5ft = 45+5 cd/m²) • Solid Amber = 4x10GbE Link on QSFP28 port. Amber (Luminance at 1.5ft = 45+5 cd/m²) • Flashing (~30ms) Green = 4x25GbE Activity on QSFP28 port. Green (Luminance at 1.5ft = 45+5 cd/m²) • Flashing (~30ms) Amber = 4x10GbE Activity on QSFP28 port. Amber (Luminance at 1.5ft = 45+5 cd/m²) • Off = No link • Flashing Amber with 1 sec on and 1 sec off – Port Beacon. Amber (Luminance at 1.5ft = 180+10 cd/m²)

SFP28 port status LED Indications

One Port Link/ Activity Status Green/Amber bi-color LED shall be provided for each front panel port.
<ul style="list-style-type: none"> • Solid Green = Port linked operating at max port speed, i.e. running 25G Ethernet on SFP28 port Green (Luminance at 1.5ft = 45+5 cd/m²) • Flash Green (~30ms) = Port Activity operating at max port speed, i.e. running 25G Ethernet on SFP28 port Green (Luminance at 1.5ft = 45+5 cd/m²) • Solid Amber = Port linked operating at lower speed, i.e. running 10/1G Ethernet on SFP28 port. Amber (Luminance at 1.5ft = 45+5 cd/m²)

• Flashing Amber (~30ms) =Port Activity operating at lower speed, i.e. running 10/1G Ethernet on SFP28 port. Amber (Luminance at 1.5ft = 180+10 cd /m2)

• Off = No link

• Flashing Amber with 1 sec on and 1 sec off – Port Beacon