

# QAPE POE Switch Specifications

| Model                 | QAPE 102                                                | QAPE 401                                                                   | QAPE801                                                                  | QAPE1601                                                                         |
|-----------------------|---------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Standards Compliance  | IEEE 802.3 10Base-T                                     |                                                                            |                                                                          |                                                                                  |
|                       |                                                         | IEEE 802.3u 100Base-TX                                                     |                                                                          |                                                                                  |
|                       |                                                         | IEEE 802.3ab 1000Base-T                                                    |                                                                          | IEEE 802.3ab 1000Base-T                                                          |
|                       |                                                         | IEEE 802.3af Power over Ethernet (PoE)                                     | IEEE 802.3af/at Power over Ethernet (PoE)                                |                                                                                  |
|                       |                                                         | IEEE 802.3x Flow Control                                                   |                                                                          |                                                                                  |
|                       |                                                         |                                                                            |                                                                          | IEEE 802.3z Gigabit Ethernet                                                     |
|                       |                                                         |                                                                            |                                                                          | IEEE 802.1Q VLAN                                                                 |
|                       |                                                         |                                                                            |                                                                          | IEEE 802.1p QoS                                                                  |
| Ports                 | 1 10/100Mbps PoE RJ45 ports<br>1 10/100M Non-POE RJ-45  | 4 10/100Mbps PoE RJ45 ports<br>1 10/100M Non-POE RJ-45                     | 8 10/100Mbps PoE RJ45 ports<br>1 10/100M Non-POE RJ-45                   | 16 10/100Base-TX RJ-45 Auto-MDI / MDI-X ports<br>2 Gigabit SFP +2 Gigabit Uplink |
| POE                   | Up to 24 watts for PoE<br>PoE: pin 4, 5, 7, 8 for power | Up to 15.4 watts for PoE<br>PoE: pin 3,6 for power- and pin 1,2 for power+ | Up to 30 watts for PoE<br>PoE: pin 3,6 for power- and pin 1,2 for power+ |                                                                                  |
| Data Transfer         | Ethernet: 10/100 Mbps (Half / Full Duplex)              |                                                                            |                                                                          |                                                                                  |
| Forwarding Rate       | 100 Mbps / 148,800 pps, 10 Mbps / 14,880 pps            |                                                                            |                                                                          | 1000 Mbps / 148,800 pps, 10 Mbps / 14,880 pps                                    |
| Switch Capacity       |                                                         | 1Gbps                                                                      | 1.8Gbps                                                                  | 8 Gbps                                                                           |
| Power                 | 100-240 V AC, 50/60 Hz                                  |                                                                            |                                                                          |                                                                                  |
| Power Consumption     | Min: 8 Watts (standby)<br>Max: 48 Watts                 | Min: 8 Watts (standby)<br>Max: 60 Watts                                    | Min: 10 Watts (standby)<br>Max: 96 Watts                                 | Min: 16 Watts (standby)<br>Max: 250 Watts                                        |
| Operating Temperature | 14°-140°F / -10°-55°C                                   | 32°-113°F / 0°-45°C                                                        |                                                                          | 32°-122°F / 0°-50°C                                                              |
| Storage Temperature   | -40°-194°F / -40°-70°C                                  | -4°-194°F / -20°-90°C                                                      |                                                                          | -40°-194°F / -40°-70°C                                                           |
| Humidity              | Max 90% (non-condensing)                                |                                                                            |                                                                          |                                                                                  |
| Dimensions            | 1.4"x2.2"x1.2"<br>113x55x30mm                           | 5.5"x3.6"x1"<br>140x92x27mm                                                | 8.85"x4.75"x1.4"<br>225x121x35mm                                         | 17.3"x13.75"x1.75"<br>440x350x44mm (1U)                                          |
| Weight                | .5lb / .25kg                                            | 2lb / .9kg                                                                 | 2.86lb / 1.3kg                                                           | 11lb / 5kg                                                                       |
| Certifications        | CE, FCC ROHS                                            |                                                                            |                                                                          |                                                                                  |