

Smart switch

Optical Network Video — Ushered in the era of AI transmission



Smart switch **PoE** switch Industrial switch

Intelligent Ethernet Switch

ONV Communication • **A I** O&M

Engineering PoE Switches

Access Layer



ONV-POE33032PL

- 2x 10/100/1000Base-T PoE Ports
- 1x10/100/1000Base-T RJ45 Ports
- Switching Capacity: 12Gbps
- Forwarding Rate: 4.46Mpps@64bytes



ONV-POE31004PLD(-at)

- 4x10/100Base-TX PoE Ports
- 1x 10/100Base-TX RJ45 Ports
- Switching Capacity: 1.2Gbps
- Forwarding Rate: 0.74Mpps@64bytes



ONV-POE31064PL(-at)

- 4x 10/100Base-TX PoE Ports
- 2x 10/100Base-TX RJ45 Ports
- Switching Capacity: 1.6Gbps
- Forwarding Rate: 0.89Mpps@64bytes



ONV-POE33064PF(-at)

- 4x 10/100/1000Base-T PoE Ports
- 2x 1000Base-X SFP Ports
- Switching Capacity: 12Gbps
- Forwarding Rate: 8.93Mpps@64bytes



ONV-POE33064P(-at)

- 4x 10/100/1000Base-T PoE Ports
- 2x 10/100/1000Base-T RJ45 Ports
- Switching Capacity: 16Gbps
- Forwarding Rate: 8.93Mpps@64bytes



ONV-POE33064PFG(-at)

- 4x 10/100/1000Base-T PoE Ports
- 1x10/100/1000Base-T RJ45 Ports
- +1x1000Base-X SFP Ports
- Switching Capacity: 12Gbps
- Forwarding Rate: 8.93Mpps@64bytes



ONV-POE33108PFG(-at)

- 8x 10/100/1000Base-T PoE Ports
- 1x 10/100/1000Base-T RJ45 Ports
- +1x1000Base-X SFP Ports
- Switching Capacity: 20Gbps
- Forwarding Rate: 14.89Mpps@64bytes



ONV-POE33007P(-at)

- 7x 10/100/1000Base-T PoE Ports
- 1x 10/100/1000Base-T RJ45 Ports
- Switching Capacity: 16Gbps
- Forwarding Rate: 11.90Mpps@64bytes



ONV-POE31108PL(-at)

- 8x 10/100Base-TX PoE Ports
- 2x 10/100Base-TX RJ45 Ports
- Switching Capacity: 2Gbps
- Forwarding Rate: 1.49Mpps@64bytes



ONV-POE33108P(-at)

- 8x 10/100/1000Base-T PoE Ports
- 2x 10/100/1000Base-T RJ45 Ports
- Switching Capacity: 20Gbps
- Forwarding Rate: 14.88Mpps@64bytes



ONV33008F

- 8x1000Base-X SFP Ports
- 2x10/100/1000Base-T RJ45 Ports
- Switching Capacity: 20Gbps
- Forwarding Rate: 14.9Mpps@64bytes



ONV-POE33108PF(-at)

- 8x 10/100/1000Base-T PoE Ports
- 2x 1000Base-X SFP Ports
- Switching Capacity: 48Gbps
- Forwarding Rate: 14.88Mpps@64bytes



ONV-POE31128BPF(-at)

- 8x 10/100Base-TX PoE Ports
- 2x 100/1000Base-T RJ45 Ports
- +2x1000Base-X SFP Ports
- Switching Capacity: 5.6Gbps
- Forwarding Rate: 4.17Mpps@64bytes



**L2+ ONV33006FM
ONV-POE33006PFM**

- 4x10/100/1000Base-T RJ45 Ports(PoE)
- 2x1000Base-X SFP Ports
- Switching Capacity: 64Gbps
- Forwarding Rate: 8.93Mpps@64bytes



**L2+ ONV33010FM
ONV-POE33010PFM**

- 8x 10/100/1000Base-T RJ45 Ports(PoE)
- 2x100/1000Base-X SFP Ports
- Switching Capacity: 128Gbps
- Forwarding Rate: 14.89Mpps@64bytes



**L2+ ONV33064FM
ONV-POE33064PFM(-at)**

- 4x 10/100/1000Base-T RJ45 Ports(PoE)
- 2x 100/1000Base-X SFP Ports
- Switching Capacity: 128Gbps
- Forwarding Rate: 8.93Mpps@64bytes



**L2+ ONV33084FM
ONV-POE33084PFM (-at)**

- 4x 10/100/1000Base-T RJ45 Ports(PoE)
- 4x 100/1000Base-X SFP Ports
- Switching Capacity: 128Gbps
- Forwarding Rate: 11.9Mpps@64bytes



**L2 ONV31108FM
ONV-POE31108PFM(-at)**

- 8x10/100Base-TX RJ45 Ports(PoE)
- 2x100/1000Base-T(X) TP /SFP Combo Ports
- Switching Capacity: 64Gbps
- Forwarding Rate: 4.17Mpps@64bytes



**L2+ ONV33108FM
ONV-POE33108PFM(-at)**

- 8x 10/100/1000Base-T RJ45 Ports(PoE)
- 2x 100/1000Base-X SFP Ports
- Switching Capacity: 192Gbps
- Forwarding Rate: 14.88Mpps@64bytes



**ONV31016FA
ONV-POE31016PFA(-at)**

- 16x 10/100Base-TX RJ45 Ports(PoE)
- 2x 10/100/1000Base-T(X) TP /SFP Combo Ports
- Switching Capacity: 14.8Gbps
- Forwarding Rate: 5.36Mpps@64bytes



**ONV33016F
ONV-POE33016PF(-at)**

- 16x 10/100/1000Base-T RJ45 Ports(PoE)
- 2x 1000Base-X SFP Ports
- Switching Capacity: 48Gbps
- Forwarding Rate: 26.78Mpps@64bytes



**ONV33024F
ONV-POE33024PF(-at)**

- 24x 10/100/1000Base-T RJ45 Ports(PoE)
- 2x 1000Base-X SFP Ports
- Switching Capacity: 52Gbps
- Forwarding Rate: 38.69Mpps@64bytes



**ONV31024FA
ONV-POE31024PFA(-at)**

- 24 x 10/100Base-TX RJ45 Ports(PoE)
- 2x 10/100/1000Base-T(X) TP /SFP Combo Ports
- Switching Capacity: 14.8Gbps
- Forwarding Rate: 6.55Mpps@64bytes



**L2 ONV31016FM
ONV-POE31016PFM**

- 16x10/100/1000Base-TX RJ45 Ports(PoE)
- 2x 1000Base-T(X) TP /SFP Combo Ports
- Switching Capacity: 64Gbps
- Forwarding Rate: 5.36Mpps@64bytes



**L2 ONV31024FM
ONV-POE31024PFM**

- 24x 10/100Base-TX RJ45 Ports(PoE)
- 2x 10/100/1000Base-T(X) TP /SFP Combo Ports
- Switching Capacity: 64Gbps
- Forwarding Rate: 6.55Mpps@64bytes

Aggregation Layer



L2+ ONV33012FM

- 12x100/1000Base-X SFP Ports
- 2x 10/100/1000Base-T RJ45 Ports
- Switching Capacity: 256Gbps
- Forwarding Rate: 20.83Mpps@64bytes



**L2+ ONV33148FM
ONV-POE33148PFM**

- 8x 10/100/1000Base-T RJ45 Ports(PoE)
- 2x 10/100/1000Base-T RJ45 Ports
- +4x 100/1000Base-X SFP Ports
- Switching Capacity: 256Gbps
- Forwarding Rate: 20.83Mpps@64bytes



**L2+ ONV33168FM
ONV-POE33168PFM**

- 8x 10/100/1000Base-T RJ45 Ports(PoE)
- 8x 100/1000Base-X SFP Ports
- Switching Capacity: 256Gbps
- Forwarding Rate: 23.81Mpps@64bytes



**L2+ ONV33168FM-4GF
ONV-POE33168PFM-4GF**

- 8x10/100/1000Base-T RJ45 Ports(PoE)
- 4x100/1000Base-X SFP Ports
- Switching Capacity: 256Gbps
- Forwarding Rate: 23.81Mpps@64bytes



**L2+ ONV33020FM
ONV-POE33020PFM**

- 16x 10/100/1000Base-T RJ45 Ports(PoE)
- 4x 100/1000Base-X SFP Ports
- Switching Capacity: 192Gbps
- Forwarding Rate: 26.78Mpps@64bytes



**L2+ ONV33028FM
ONV-POE33028PFM**

- 24x10/100/1000Base-T RJ45 Ports(PoE)
- 4x 100/1000Base-X SFP Ports
- Switching Capacity: 192Gbps
- Forwarding Rate: 38.69Mpps@64bytes



**L2+ ONV33052FM
ONV-POE33052PFM**

- 48x 10/100/1000Base-T RJ45 Ports(PoE)
- 4x 100/1000Base-X SFP Ports
- Switching Capacity: 368Gbps
- Forwarding Rate: 77.38Mpps@64bytes

Core Layer



**L2+ /L3 ONV36(8)168FM
ONV-POE36(8)168PFM**

- 8x 10/100/1000Base-T RJ45 Ports(PoE)
- 4x 10/100/1000Base-T RJ45 Ports
- +4x1/10G SFP+ Ports
- Switching Capacity: 368/598Gbps
- Forwarding Rate: 77.38/130.94Mpps@64bytes



**L2+ /L3 ONV36(8)028FM
ONV-POE36(8)028PFM**

- 24x 10/100/1000Base-T RJ45 Ports(PoE)
- 4x1/10G SFP+ Ports
- Switching Capacity: 598Gbps
- Forwarding Rate: 95.23Mpps@64bytes



**L2+ /L3 ONV3(6)036FM
ONV-POE3(6)036PFM**

- 24x10/100/1000Base-T RJ45 Ports(PoE)
- 8x100/1000Base-X SFP Ports
- +4x1/10G SFP+ Ports
- Switching Capacity: 598Gbps
- Forwarding Rate: 107.14Mpps@64bytes



**L2+ /L3 ONV36(8)048FM
ONV-POE36(8)048PFM**

- 48x 10/100/1000Base-T RJ45 Ports(PoE)
- 4x1/10G SFP+ Ports
- Switching Capacity: 598Gbps
- Forwarding Rate: 131Mpps@64bytes



**L2+ /L3 ONV36(8)448FM
ONV-POE36(8)448PFM**

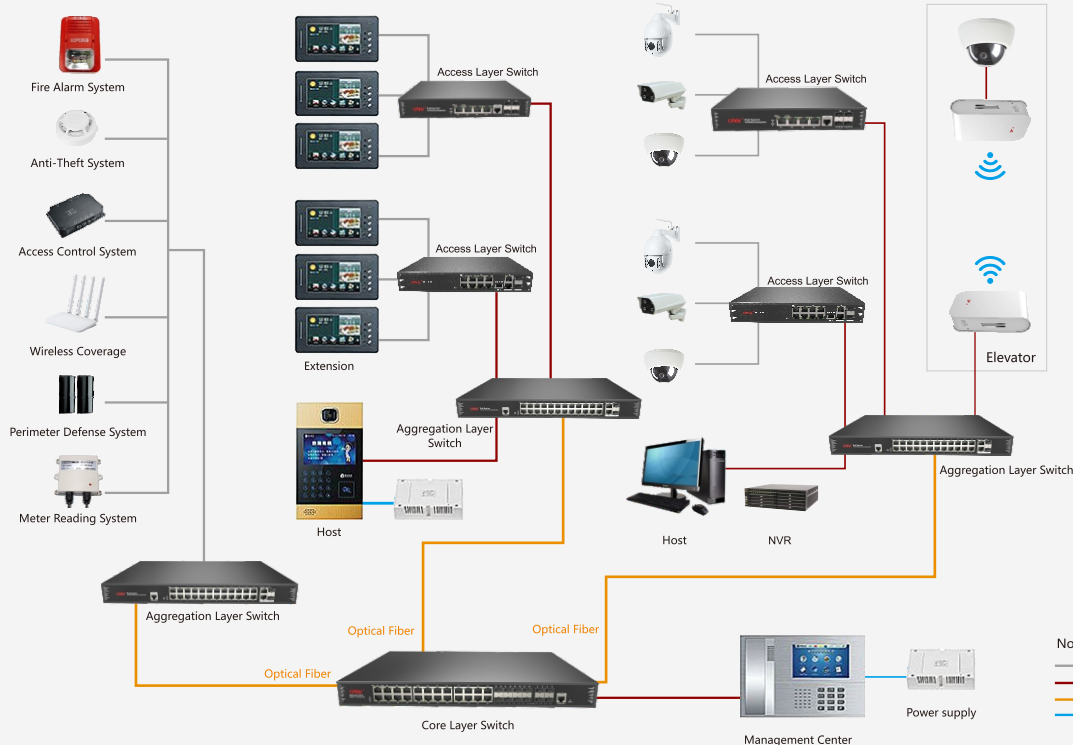
- 8x10/100/1000Base-T RJ45 Ports(PoE)
- +4x10/100/1000Base-T RJ45 Ports
- 28x100/1000Base-X SFP Ports
- +4x1/10G SFP+ Ports
- Switching Capacity: 598Gbps
- Forwarding Rate: 119.04Mpps@64bytes



**L2+ /L3 ONV36(8)368FM
ONV-POE36(8)368PFM**

- 8x10/100/1000Base-T RJ45 Ports(PoE)
- 24x100/1000Base-X SFP Ports
- +4x1/10G SFP+ Ports
- Switching Capacity: 598Gbps
- Forwarding Rate: 107.14Mpps@64bytes

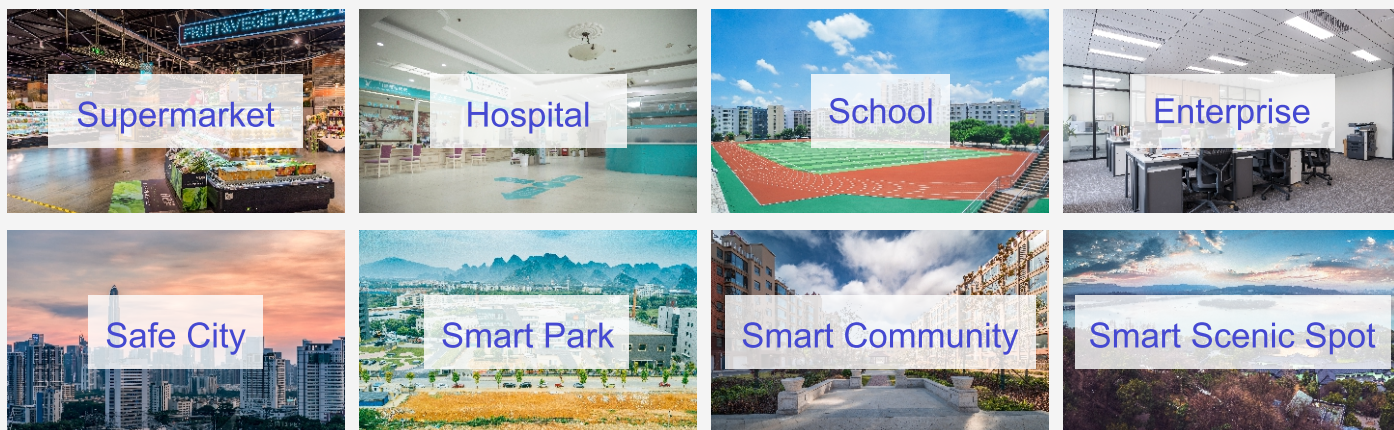
Solution



Intelligent Transformation of Community

Note: Every 4 extensions use one power supply
 CAT5E+RVV2*1.0
 CAT5E
 Optical Fiber
 RVV2*1.0

Application



Economical PoE Switches

PoE

 ONV-H1064PL/ONV-H1064PLS 4x10/100Base-TX PoE Ports 2x10/100Base-TX RJ45 Ports - Switching Capacity: 1.6Gbps - Forwarding Rate: 0.89Mpps@64bytes	 ONV-H1108PL/ONV-H1108PLS 8x10/100Base-TX PoE Ports 2x10/100Base-TX RJ45 Ports - Switching Capacity: 2Gbps - Forwarding Rate: 1.488Mpps@64bytes	 ONV-H1108PGL 8x10/100Base-TX PoE Ports 2x10/100/1000Base-T RJ45 Ports - Switching Capacity: 11.8Gbps - Forwarding Rate: 4.17Mpps@64bytes	 ONV-H1064PLD 4x10/100Base-TX PoE Ports 2x10/100Base-TX RJ45 Ports - Switching Capacity: 1.6Gbps - Forwarding Rate: 0.89Mpps@64bytes	 ONV-H1108PLD 8x10/100Base-TX PoE Ports 2x10/100Base-TX RJ45 Ports - Switching Capacity: 2Gbps - Forwarding Rate: 1.488Mpps@64bytes
 ONV-H1016PL/ONV-H1016PLS 16x10/100Base-TX PoE Ports 2x10/100/1000Base-T RJ45 Ports - Switching Capacity: 14.8Gbps - Forwarding Rate: 5.36Mpps@64bytes	 ONV-H1024PL/ONV-H1024PLS 24x10/100Base-TX PoE Ports 2x10/100/1000Base-T RJ45 Ports - Switching Capacity: 14.8Gbps - Forwarding Rate: 6.55Mpps@64bytes	 ONV-H1016PLD 16x10/100/1000Base-T PoE Ports 2x10/100/1000 Base-T RJ45 Ports - Switching Capacity: 14.8Gbps - Forwarding Rate: 5.36Mpps@64bytes	 ONV-H1024PLD 24x10/100/1000Base-T PoE Ports 2x10/100/1000Base-T RJ45 Ports - Switching Capacity: 14.8Gbps - Forwarding Rate: 6.55Mpps@64bytes	 ONV-H3064P/ONV-H3064PS 4x10/100/1000Base-T PoE Ports 2x10/100/1000 Base-T RJ45 Ports - Switching Capacity: 12Gbps - Forwarding Rate: 8.93Mpps@64bytes
 ONV-H3108P/ONV-H3108PS 8x10/100/1000Base-T PoE Ports 2x10/100/1000-T RJ45 Ports - Switching Capacity: 20Gbps - Forwarding Rate: 14.88Mpps@64bytes	 ONV-H3016PS 16x10/100/1000Base-T PoE Ports 2x10/100/1000-T RJ45 Ports - Switching Capacity: 36Gbps - Forwarding Rate: 26.78Mpps@64bytes	 ONV-H3016PF 16x10/100/1000Base-T PoE Ports 2x1000Base-X SFP Ports - Switching Capacity: 48Gbps - Forwarding Rate: 26.78Mpps@64bytes	 ONV-H3024PF 24x10/100/1000Base-T PoE Ports 2x1000Base-X SFP Ports - Switching Capacity: 52Gbps - Forwarding Rate: 38.69Mpps@64bytes	



24V PoE ONV-H2064PL

- 4x10/100Base-TX 24V PoE Ports
- 2x10/100Base-TX RJ45 Ports
- Switching Capacity: 1.6Gbps
- Forwarding Rate: 0.89Mpps@64bytes



24V PoE ONV-H2108PL

- 8x10/100Base-TX 24V PoE Ports
- 2x10/100Base-TX RJ45 Ports
- Switching Capacity: 2Gbps
- Forwarding Rate: 1.45Mpps@64bytes



24V PoE ONV-H2016PL

- 16x10/100Base-TX 24V PoE Ports
- 2x10/100/1000Base-TX RJ45 Ports
- Switching Capacity: 14.8Gbps
- Forwarding Rate: 5.36Mpps@64bytes



24V PoE ONV-H2024PL

- 24x10/100Base-TX 24V PoE Ports
- 2x10/100/1000Base-TX RJ45 Ports
- Switching Capacity: 14.8Gbps
- Forwarding Rate: 6.55Mpps@64bytes



ONV-H3005

- 5x10/100/1000Base-T RJ45 Ports
- Switching Capacity: 10Gbps
- Forwarding Rate: 7.44Mpps@64bytes



ONV-H3008

- 8x10/100/1000Base-T RJ45 Ports
- Switching Capacity: 16Gbps
- Forwarding Rate: 7.44Mpps@64bytes



ONV-H1016

- 16x10/100Base-TX RJ45 Ports
- Switching Capacity: 3.2Gbps
- Forwarding Rate: 2.38Mpps@64bytes



ONV-H1024

- 24x10/100Base-TX RJ45 Ports
- Switching Capacity: 4.8Gbps
- Forwarding Rate: 3.57Mpps@64bytes



ONV-H3016

- 16x10/100/1000Base-T RJ45 Ports
- Switching Capacity: 32Gbps
- Forwarding Rate: 23.8Mpps@64bytes



ONV-H3024

- 24x10/100/1000Base-T RJ45 Ports
- Switching Capacity: 48Gbps
- Forwarding Rate: 35.71Mpps@64bytes



ONV-H3218F

- 16x10/100/1000Base-T RJ45 Ports
- 2x1000Base-X SFP Ports
- Switching Capacity: 48Gbps
- Forwarding Rate: 26.78Mpps@64bytes



ONV-H3226F

- 16x10/100/1000Base-T RJ45 Ports
- 2x1000Base-X SFP Ports
- Switching Capacity: 52Gbps
- Forwarding Rate: 38.69Mpps@64bytes



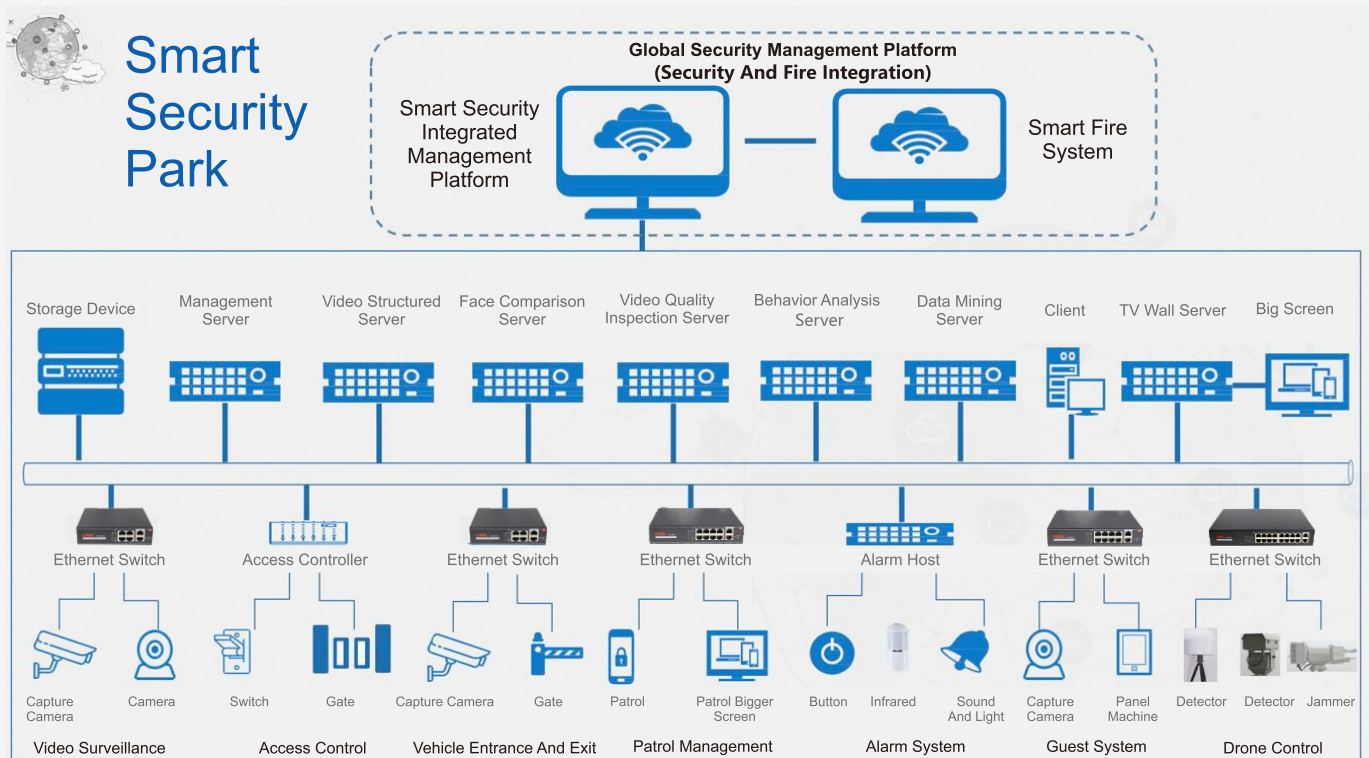
ONV-H1005S/ONV-H3005S

- 5x10/100Base-TX RJ45 Ports
(5x10/100/1000Base-T RJ45 Ports)
- Switching Capacity: 1/10Gbps
- Forwarding Rate: 0.74/7.44Mpps@64bytes



ONV-H1008S/ONV-H3008S

- 8x10/100Base-TX RJ45 Ports
(8x10/100/1000Base-T RJ45 Ports)
- Switching Capacity: 1.6/16Gbps
- Forwarding Rate: 1.19/11.9Mpps@64bytes



Hotel



Enterprise



School



Wireless Coverage



Security Monitor



Community Apartment

Industrial Switches

Access Layer



- ONV-IPS31032FS/ONV-IPS31032PFS**
- 2x10/100Base-TX RJ45 Ports(PoE)
 - 1x100Base-FX SC module
 - Switching Capacity: 1Gbps
 - Forwarding Rate: 0.446Mpps



- ONV-IPS33032FS/ONV-IPS33032PFS**
- 2x10/100/1000Base-T RJ45 Ports(PoE)
 - 1x1000Base-X SC module
 - Switching Capacity: 10Gbps
 - Forwarding Rate: 4.46Mpps



- ONV-IPS33032PFS-SFP**
- 2x10/100/1000Base-T RJ45 Ports(PoE)
 - 1x1000Base-X SFP Port
 - Switching Capacity: 10Gbps
 - Forwarding Rate: 4.46Mpps



- ONV-IPS33042F/ONV-IPS33042PF**
- 2x10/100/1000Base-T RJ45 Ports(PoE)
 - 2x1000Base-X SFP Ports
 - Switching Capacity: 8Gbps
 - Forwarding Rate: 5.95Mpps@64bytes



- ONV-IPS31064/ONV-IPS31064P(bt)**
- 4x10/100Base-TX RJ45 Ports(PoE)(bt)
 - 2x10/100Base-TX RJ45 Ports
 - Switching Capacity: 1.6G
 - Forwarding Rate: 0.89Mpps@64bytes



- ONV-IPS33064/ONV-IPS33064P(bt)**
- 4x10/100/1000Base-T RJ45 Ports(PoE)(bt)
 - 2x100/1000Base-T RJ45 Ports
 - Switching Capacity: 16Gbps
 - Forwarding Rate: 8.93Mpps@64bytes



- ONV-IPS33064FG/ONV-IPS33064PFG(bt)**
- 4x10/100/1000Base-T RJ45 Ports(PoE)(bt)
 - 1x100/1000Base-T RJ45 Ports
 - +1x1000Base-X SFP Ports
 - Switching Capacity: 12Gbps
 - Forwarding Rate: 8.93Mpps@64bytes



- ONV-IPS33064F/ONV-IPS33064PF(bt)**
- 4x10/100/1000Base-T RJ45 Ports(PoE)(bt)
 - 2x1000Base-X SFP Ports
 - Switching Capacity: 12Gbps
 - Forwarding Rate: 8.93Mpps@64bytes



- ONV-IPS33108/ONV-IPS33108P**
- 8x10/100/1000Base-T RJ45 Ports(PoE)
 - 2x100/1000Base-T RJ45 Ports
 - Switching Capacity: 20Gbps
 - Forwarding Rate: 14.88Mpps@64bytes



- ONV-IPS33108F/ONV-IPS33108PF**
- 8x10/100/1000Base-T RJ45 Ports(PoE)
 - 2x1000Base-X SFP Ports
 - Switching Capacity: 20Gbps
 - Forwarding Rate: 14.88Mpps@64bytes



- ONV-IPS31084F/ONV-IPS31084PF**
- 4x10/100Base-TX RJ45 Ports(PoE)
 - 2x10/100Base-TX RJ45 Ports
 - +2x100Base-FX SCmodule
 - Switching Capacity: 1.6Gbps
 - Forwarding Rate: 1.19Mpps@64bytes



- ONV-IPS31128FB/ONV-IPS31128PFB**
- 8x10/100Base-TX RJ45 Ports(PoE)
 - 2x1000Base-T RJ45 Ports
 - +2x1000Base-X SFP Ports
 - Switching Capacity: 12Gbps
 - Forwarding Rate: 7.14Mpps@64bytes



- ONV-IPS33128F/ONV-IPS33128PF**
- 8x10/100/1000Base-T RJ45 Ports(PoE)
 - 2x100/1000Base-T RJ45 Ports
 - +2x1000Base-X SFP Ports
 - Switching Capacity: 24Gbps
 - Forwarding Rate: 17.86Mpps@64bytes



- Web ONV-IPS33064FM
ONV-IPS33064PFM**
- 4x10/100/1000Base-T RJ45 Ports(PoE)
 - 2x1000Base-X SFP Ports
 - Switching Capacity: 12Gbps
 - Forwarding Rate: 8.93Mpps@64bytes



- Web ONV-IPS33108FM
ONV-IPS33108PFM**
- 8x10/100/1000Base-T RJ45 Ports(PoE)
 - 2x1000Base-X SFP Ports
 - Switching Capacity: 20Gbps
 - Forwarding Rate: 14.88Mpps@64bytes



- L2+ ONV-IPS33006FM
ONV-IPS33006PFM**
- 4x10/100/1000Base-T RJ45 Ports(PoE)
 - 2x100/1000Base-X SFP Ports
 - Switching Capacity: 64Gbps
 - Forwarding Rate: 8.928Mpps@64bytes



- L2+ ONV-IPS33064FM
ONV-IPS33064P(bt)**
- 4x10/100/1000Base-T RJ45 Ports(PoE)(bt)
 - 2x100/1000Base-X SFP Ports
 - Switching Capacity: 128Gbps
 - Forwarding Rate: 8.928Mpps@64bytes



- L2 ONV-IPS33108FM
ONV-IPS33108PFM**
- 8x10/100Base-TX RJ45 Ports(PoE)
 - 2x100/1000Base-T(X)TP /SFP Combo Ports
 - Switching Capacity: 64Gbps
 - Forwarding Rate: 4.17Mpps@64bytes



- L2+ ONV-IPS33010FM
ONV-IPS33010PFM**
- 8x10/100/1000Base-T RJ45 Ports(PoE)
 - 2x100/1000Base-X SFP Ports
 - Switching Capacity: 128Gbps
 - Forwarding Rate: 14.88Mpps@64bytes



- L2+ ONV-IPS33084FM
ONV-IPS33084PFM**
- 4x10/100/1000Base-T RJ45 Ports(PoE)
 - 4x100/1000Base-X SFP Ports
 - Switching Capacity: 192Gbps
 - Forwarding Rate: 11.9Mpps@64bytes



- L2+ ONV-IPS33108FM
ONV-IPS33108PFM**
- 8x10/100/1000Base-T RJ45 Ports(PoE)
 - 2x100/1000Base-X SFP Ports
 - Switching Capacity: 192Gbps
 - Forwarding Rate: 14.88Mpps@64bytes



- L2+ ONV-IPS33012FM**
- 2x10/100/1000Base-T RJ45 Ports
 - 12x100/1000Base-X SFP Ports
 - Switching Capacity: 256Gbps
 - Forwarding Rate: 20.83Mpps@64bytes



- L2+ ONV-IPS33016M
ONV-IPS33016PFM**
- 16x10/100/1000Base-T RJ45 Ports(PoE)
 - Switching Capacity: 256G
 - Forwarding Rate: 23.81Mpps@64bytes



- L2+ ONV-IPS33148FM
ONV-IPS33148PFM**
- 8x10/100/1000Base-T RJ45 Ports(PoE)
 - 2x100/1000Base-T RJ45 Ports
 - +4x100/1000Base-X SFP Ports
 - Switching Capacity: 256Gbps
 - Forwarding Rate: 20.83Mpps@64bytes



- L2+ ONV-IPS33168FM
ONV-IPS33168PFM**
- 8x10/100/1000Base-T RJ45 Ports(PoE)
 - 8x100/1000Base-X SFP Ports
 - Switching Capacity: 256Gbps
 - Forwarding Rate: 23.8Mpps@64bytes



- L2+ ONV-IPS33168FM-4GF
ONV-IPS33168PFM-4GF**
- 8x10/100/1000Base-T RJ45 Ports(PoE)
 - 4x100/1000Base-T RJ45 Ports
 - +4x100/1000Base-X SFP Ports
 - Switching Capacity: 256Gbps
 - Forwarding Rate: 23.81Mpps@64bytes



- L2+ ONV-IPS33024M
ONV-IPS33024PFM**
- 16x10/100/1000Base-T RJ45 Ports(PoE)
 - 8x100/1000Base-T RJ45 Ports
 - Switching Capacity: 256Gbps
 - Forwarding Rate: 35.71Mpps@64bytes



- L2+ ONV-IPS33024FM-8F
ONV-IPS33024PFM-8F**
- 16x10/100/1000Base-T RJ45 Ports(PoE)
 - 8x100/1000Base-X SFP Ports
 - Switching Capacity: 256Gbps
 - Forwarding Rate: 35.71Mpps@64bytes



- L2+ ONV-IPS33248FM
ONV-IPS33248PFM**
- 8x10/100/1000Base-T RJ45 Ports(PoE)
 - 4x100/1000Base-T RJ45 Ports
 - +12x100/1000Base-X SFP Ports
 - Switching Capacity: 256Gbps
 - Forwarding Rate: 35.71Mpps@64bytes



- L2+ ONV-IPS33248FM-4GF
ONV-IPS33248PFM-4GF**
- 8x10/100/1000Base-T RJ45 Ports(PoE)
 - 12x100/1000Base-T RJ45 Ports
 - +4x100/1000Base-X SFP Ports
 - Switching Capacity: 256Gbps
 - Forwarding Rate: 35.71Mpps@64bytes



- L2+ ONV-IPS33018FM
ONV-IPS33018PFM**
- 16x10/100/1000Base-T RJ45 Ports(PoE)
 - 2x100/1000Base-X SFP Ports
 - Switching Capacity: 256Gbps
 - Forwarding Rate: 26.78Mpps@64bytes



- L2+ ONV-IPS33026FM
ONV-IPS33026PFM**
- 24x10/100/1000Base-T RJ45 Ports(PoE)
 - 2x100/1000Base(X) TP/ SFP+ Ports
 - Switching Capacity: 256Gbps
 - Forwarding Rate: 38.69Mpps@64bytes



- L2+ ONV-IPS33052FM**
- 48x10/100/1000Base-TX RJ45 Ports
 - 4x100/1000Base-X SFP Ports
 - Switching Capacity: 368Gbps
 - Forwarding Rate: 77.38Mpps@64bytes

Aggregation Layer

Core Layer



L2+ /L3 ONV-IPS36(8)168FM

- 8x10/100/1000Base-T RJ45 Ports(PoE)
- 4x100/1000Base-T RJ45 Ports
- +4x1/10GBase-X SFP+ Ports
- Switching Capacity: 368/598Gbps
- Forwarding Rate: 77.38/130.94Mpps@64bytes



L2+ /L3 ONV-IPS36(8)248FM

- 8x10/100/1000Base-T RJ45 Ports(PoE)
- +4x100/1000Base-T RJ45 Ports
- 8x100/1000Base-X SFP Ports
- +4x 1/10GBase-X SFP+ Ports
- Switching Capacity: 598Gbps
- Forwarding Rate: 89.28Mpps@64bytes



L2+ /L3 ONV-IPS36(8)248FM-8G

- 8x10/100/1000Base-T RJ45 Ports(PoE)
- 12x100/1000Base-T RJ45 Ports
- +4x1/10GBase-X SFP+ Ports
- Switching Capacity: 598Gbps
- Forwarding Rate: 89.28Mpps@64bytes



L2+ /L3 ONV-IPS36(8)028FM

- 24x10/100/1000Base-T RJ45 Ports(PoE)
- 4x1/10GBase-X SFP+ Ports
- Switching Capacity: 598Gbps
- Forwarding Rate: 95.28Mpps@64bytes



L2+ /L3 ONV-IPS36(8)036FM

- 24x 10/100/1000Base-T RJ45 Ports(PoE)
- 8x100/1000Base-X SFP Ports
- +4x1/10G SFP+ Ports
- Switching Capacity: 598Gbps
- Forwarding Rate: 107.14Mpps@64bytes



L2+ /L3 ONV-IPS36(8)048FM

- 48x10/100/1000Base-T RJ45 Ports(PoE)
- 4x1/10G SFP+ Ports
- Switching Capacity: 598Gbps
- Forwarding Rate: 130.9Mpps@64bytes



L2+ /L3 ONV-IPS36(8)368FM

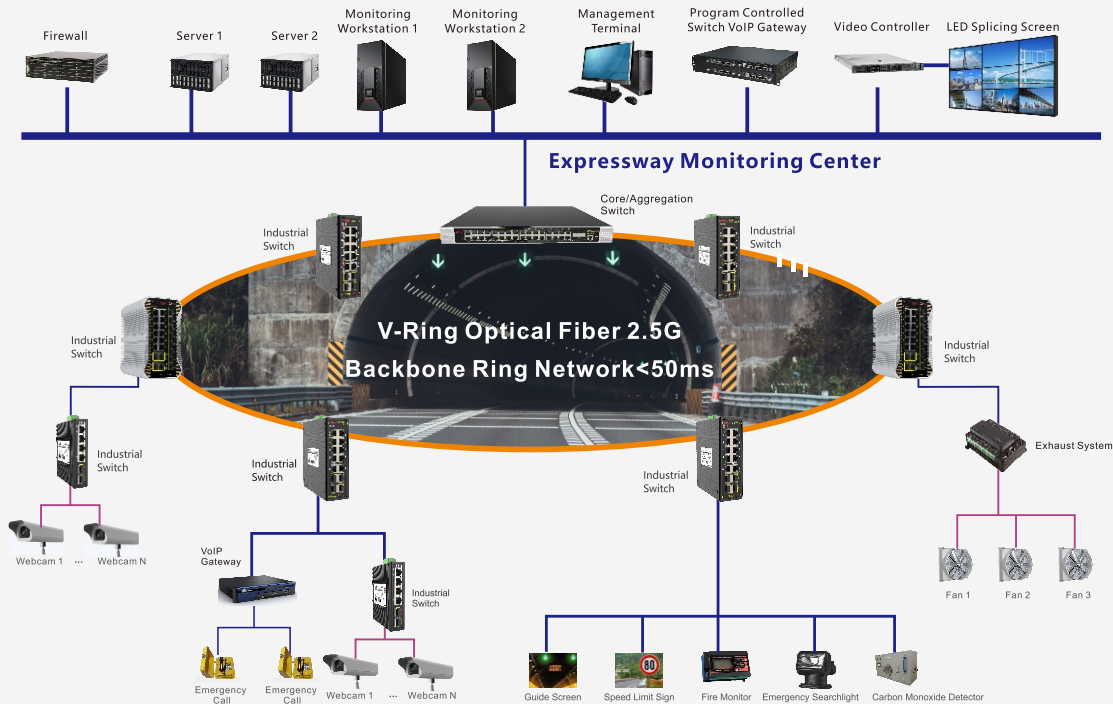
- 8x10/100/1000Base-T RJ45 Ports(PoE)
- 24x100/1000Base-X SFP Ports
- +4x1/10GBase-X SFP+ Ports
- Switching Capacity: 598Gbps
- Forwarding Rate: 107.14Mpps@64bytes



L2+ /L3 ONV-IPS36(8)448FM

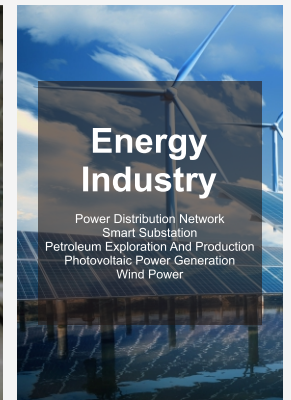
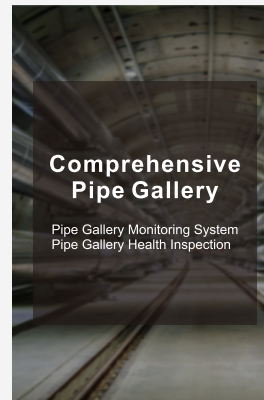
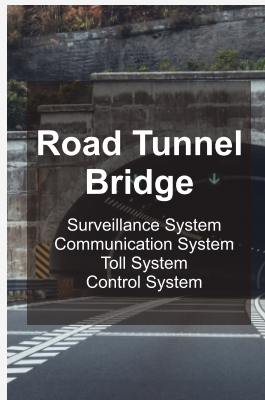
- 12x10/100/1000Base-X RJ45 Ports(PoE)
- 28x100/1000Base-T SFP Ports
- +4x1/10GBase-X SFP+ Ports
- Switching Capacity: 598Gbps
- Forwarding Rate: 119.04/130.94Mpps@64bytes

Solution



Highway Monitoring Solution

Application



PoE Splitter



ONV-PD5202(Isolated) (aT)
1x10/100Base-TX RJ45 PD port
1x10/100Base-TX RJ45 crystal port
1x DC5521 power plug



ONV-PD-3301S
1x 10/100/1000Base-T RJ45 PD port
1x 10/100/1000Base-T RJ45 Port
1x DC socket



ONV-PD3401G
1x 10/100/1000Base-T RJ45 PD port
1x 10/100/1000Base-T RJ45 Port
1x 3P power terminal

PoE Extender



ONV-PSE-PD3121L
Port: 1 x 10/100M PoE input
+2 x 10/100M PoE output



ONV-PSE-PD3321
Ports: 1x10/100/1000M PoE input
+2x10/100/1000M PoE output

Bt PoE Splitter



ONV-PD3401/ONV-PD3401G

1 x 10/100M/Gigabit bt POE Ports
1 x 10/100M/Gigabit RJ45 Ports
1 x 3P power terminal

PoE Injector



ONV-PSE3301AC(-at)

1 x 10/100/1000M POE Ports
1 x 10/100/1000M RJ45 Ports
1 x AC power port



ONV-PSE3301DC(-at)

1 x 10/100/1000M POE Ports
1 x 10/100/1000M RJ45 Ports
1 x DC power port



ONV-PSE-3301DCS

1 x 10/100/1000M POE Ports
1 x 10/100/1000M RJ45 Ports
1 x DC power port

EOC



POE EOC-1C4E/POE EOC-1C1E

Port: 1 x BNC+4 x RJ45+1 x DC/
1 x BNC+1 x RJ45+1 x DC

Bt PoE Injector



ONV-PSE3401G

1 x 10/100/1000M bt POE Ports
1 x 10/100/1000M RJ45 Ports
Single-port PoE output power: 60W



ONV-PSE3501G

1 x 10/100/1000M bt POE Ports
1 x 10/100/1000M RJ45 Ports
Single-port PoE output power: 60W

Fiber Media Converters



ONV0110S-SCX-O/ONV0110-SCX-O

1x 10/100Base-T RJ45 Ports
1x155M SC module
Single-mode single-fiber
/single-mode dual-fiber



ONV0110S-SCX-S2/ONV0110-SCX-S2

2x 10/100Base-T RJ45 Ports
1x155M SC module
Single-mode single-fiber
/single-mode dual-fiber



ONV0110S-SCX-S4/ONV0110-SCX-S4

4x 10/100Base-T RJ45 Ports
1x155M SC module
Single-mode single-fiber
/single-mode dual-fiber



ONV1110S-SCX-F/ONV1110-SCX-F

1x 10/100/1000Base-T RJ45 Ports
1x1000Base-LC Ports
Single-mode single-fiber
/single-mode dual-fiber



ONV1110S-SCX-O/ONV1110-SCX-O

1x 10/100/1000Base-T RJ45 Ports
1x1000Base-X SC module
Single-mode single-fiber
/single-mode dual-fiber



ONV1110S-SCX-S2/ONV1110-SCX-S2

2x 10/100Base-T RJ45 Ports
1x1000Base-X SC Ports
Single-mode single-fiber
/single-mode dual-fiber



ONV1110-SLX-S4

4x 10/100/1000Base-T RJ45 Ports
1x1.25G LC port
single-mode dual-fiber



ONV2U-14/ONV2U-16

14/16-slot card fiber media converter

Industrial DIN-Rail Power Supply / Power Adapter



GWS-P3000-DP24-12/24/48

Input Voltage Range: AC90-264V 47-63Hz
Output Voltage: DC 12V/24V/48V optional
Power: 24W



GWS-P3000-DP36-12/24/48

Input Voltage Range: AC90-264V 47-63Hz
Output Voltage: DC 12V/24V/48V optional
Power: 36W



GWS-P3000-DP60-12/24/48

Input Voltage Range: AC90-264V 47-63Hz
Output Voltage: DC 12V/24V/48V optional
Power: 60W



GWS-P3000-DP120-24/48

Input Voltage Range: AC90-264V 47-63Hz
Output Voltage: DC 24V/48V optional
Power: 120W



GWS-P3000-DP240-24/48

Input Voltage Range: AC90-264V 47-63Hz
Output Voltage: DC 24V/48V optional
Power: 240W



GWS-P3000-DP480-24/48

Input Voltage Range: AC90-264V 47-63Hz
Output Voltage: DC 24V/48V optional
Power: 480W



GWS-P3000-AP65-24/52

Input Voltage Range: AC90-264V 47-63Hz
Output Voltage: DC 24V/52V optional
Power: 65W



GWS-P3000-AP110-24/52

Input Voltage Range: AC90-264V 47-63Hz
Output Voltage: DC 24V/52V optional
Power: 110W



GWS-P3000-AP130-24/52

Input Voltage Range: AC90-264V 47-63Hz
Output Voltage: DC 24V/52V optional
Power: 130W



GWS-P3000-AP250-24/52

Input Voltage Range: AC90-264V 47-63Hz
Output Voltage: DC 24V/52V optional
Power: 250W

Intelligent Box



Integrated Intelligent Operation and Maintenance Box ONV-IoT9000-ZH

Power management + network transmission + cabinet management three units
Power Management:
(Supports voltage and current acquisition)
Automatic reclosing, 2*AC220V,
2*AC24V, 4*DC 12V power output
Network Transmission:
(Supports extended POE power supply)
Managed switch with 8*10/100/1000M PoE ports
and 2*100/1000M SFP ports
2*RS485 data communication
4G wireless transmission extension
Cabinet Management:
Unpacking alarm, unpacking lighting,
temperature/humidity detection, water intrusion
detection, BDS/GPS positioning, etc.
Support cloud platform + APP mobile terminal
operation and maintenance, local PC terminal
platform operation and maintenance



IoT Intelligent Communication Box ONV-IoT9000-TX

Power management + network transmission + cabinet management three units
Power Management:
automatic reclosing
3*DC12V power output
Network Transmission:
(Supports extended POE power supply)
Managed switch with 4*10/100/1000M PoE ports
and 2*100/1000M SFP ports
1*RS485 data communication
Cabinet Management:
Unpacking alarm, power failure alarm,
disconnection alarm, etc.
Support cloud platform + APP mobile terminal
operation and maintenance, local PC terminal
platform operation and maintenance



IoT Intelligent Power Box ONV-IoT9000-DY

Power management + cabinet management two units
Power Management:
(Supports voltage and current acquisition)
Automatic reclosing, 6*AC220V,
2*AC24V, 3*DC12V power output
Data transmission:
1*10/100M RJ45 port, 1*RS485,
1*RS232 data communication
Cabinet Management:
Unpacking alarm, unpacking lighting,
temperature/humidity detection,
water intrusion detection, etc.
Support cloud platform + APP mobile
terminal operation and maintenance,
local PC terminal platform operation
and maintenance

Smart Module



ONV-IoT7000-G530-ND Operation and Maintenance Module 1



ONV-IoT7000-G530-DG Operation and Maintenance Module 2



ONV-IoT7000-6G2F Network Module



ONV-IoT7000-UPS220-DG Smart Power

ONV | Leading Manufacturer for PoE Products

Optical Network Video (ONV) Technology is a national high-tech enterprise. As the first manufacturer for intelligent PoE in China, with world-class leading PoE technology, ONV focus on security industry over 14 years, combining research, manufacture, sales and services for PoE and Optical transmission products. Headquarter locates at Shenzhen, as well as the factory which is over 5000 square meters. ONV products are exported to over 60 countries on five continents. ONV distributions and offices are all around the world, providing high- quality products, outstanding service, and advanced overall solutions.



ONV headquarter ▶

Market state - Leading Brand in Security Transmission Industry



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