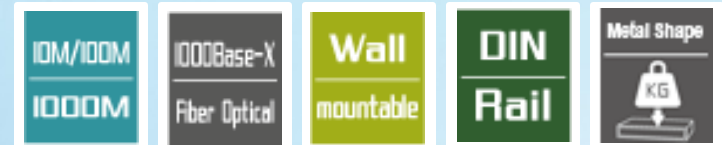


10/100/1000Base-T to Dual 1000Base-X SFP Media Converter

GT-1205A



Presentation Outline

- ◆ **Product Overview**
- ◆ **Product Benefits**
- ◆ **Product Features**
- ◆ **Application**
- ◆ **Comparison**
- ◆ **Appendix**

GT-1205A



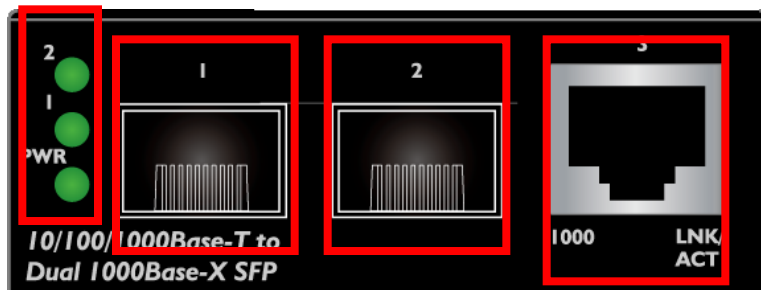
Product Overview

◆ Front Panel

- ✓ Power, Fiber Port1, Fiber Port2 LED
- ✓ 1000Base-SX / LX SFP Slot1
- ✓ 1000Base-SX / LX SFP Slot2
- ✓ 10/100/1000Base-T RJ45 Port
- ✓ 1000, LNK / ACT LED

◆ Rear Panel

- ✓ 5V DC, 2A Power Socket



Product Overview

◆ Cable Connection

UTP cable

Up to 100 m

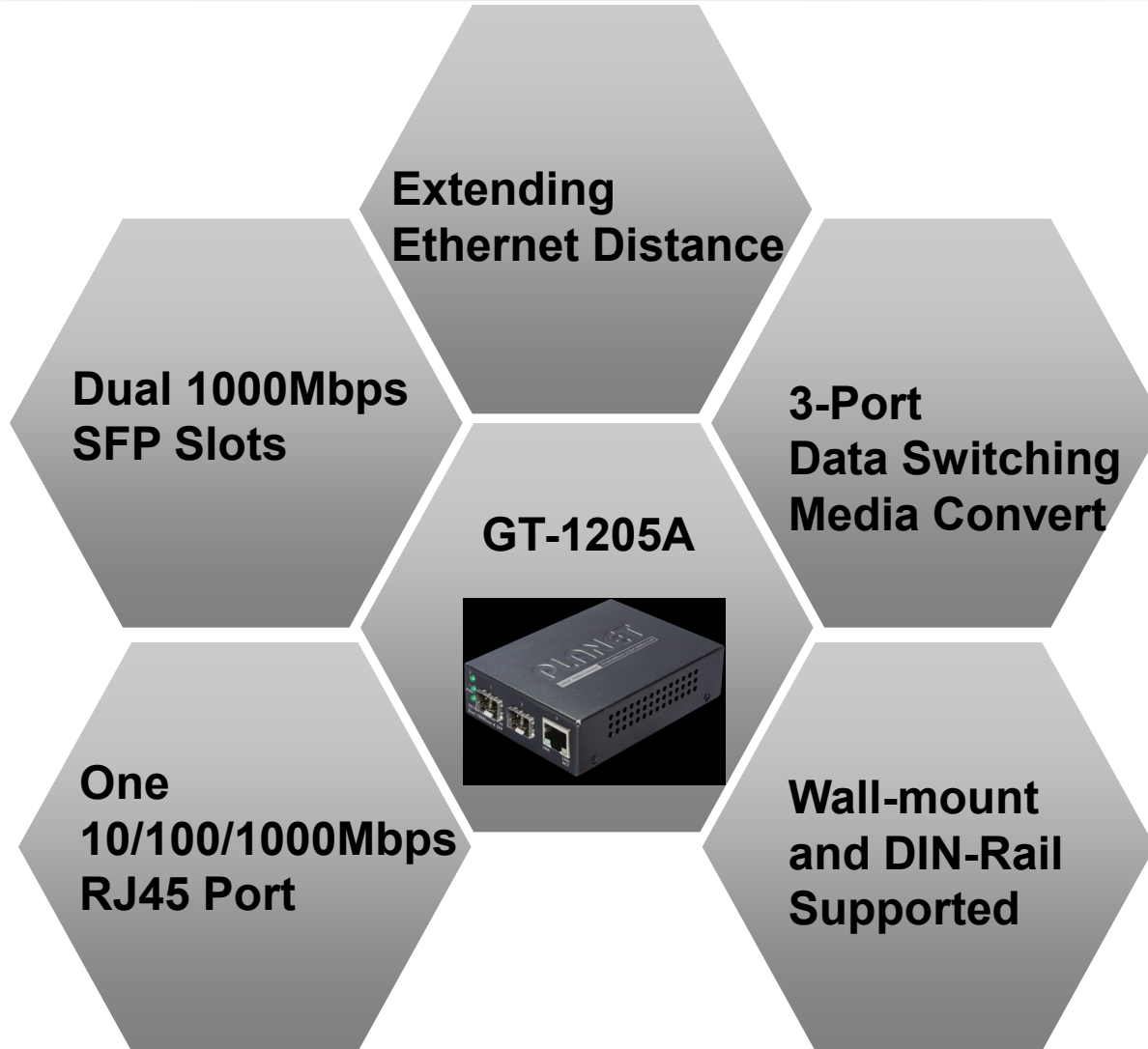
Fiber Optic cable

Fiber Optic cable

Up to 120 km

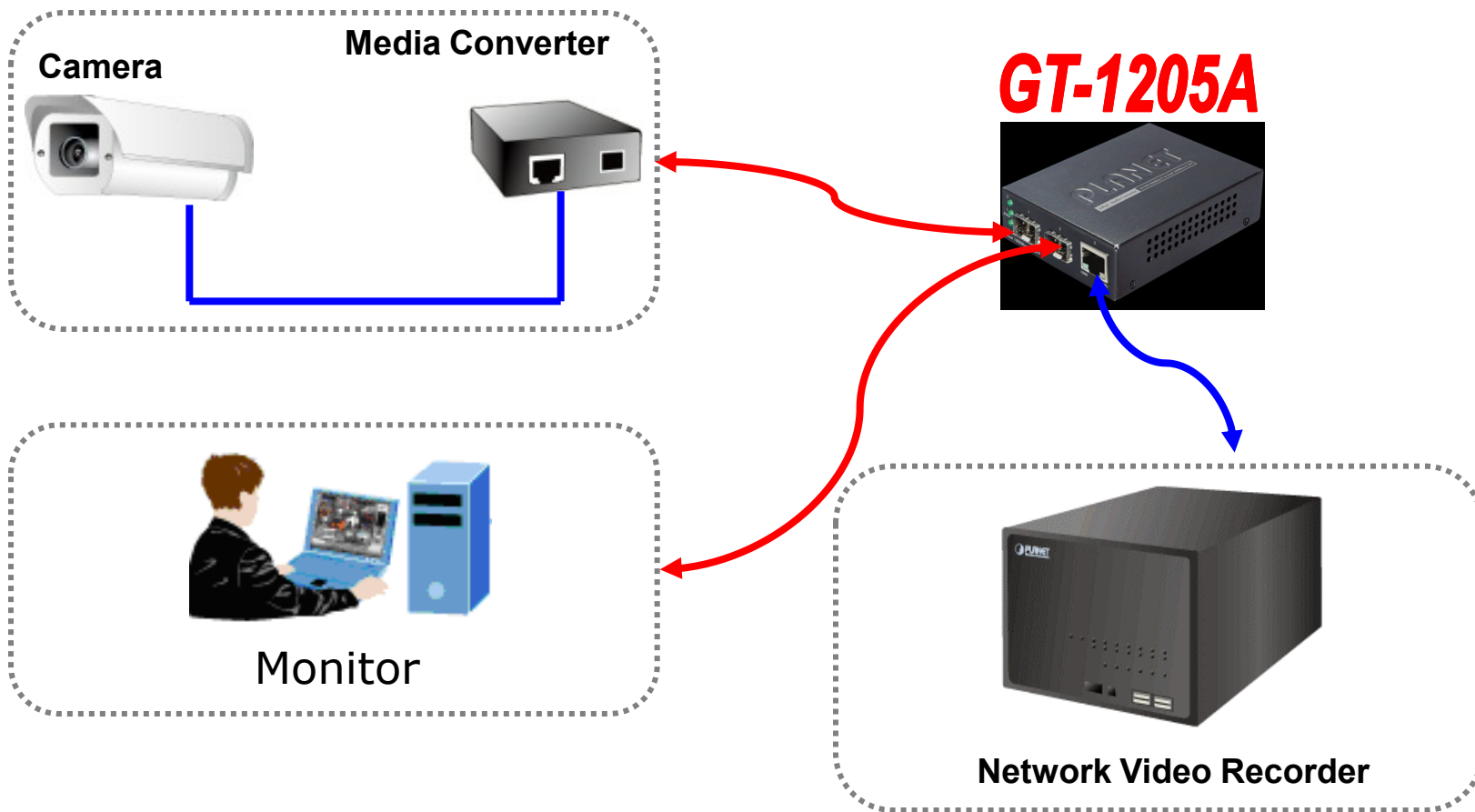
Up to 120 km

Product Overview

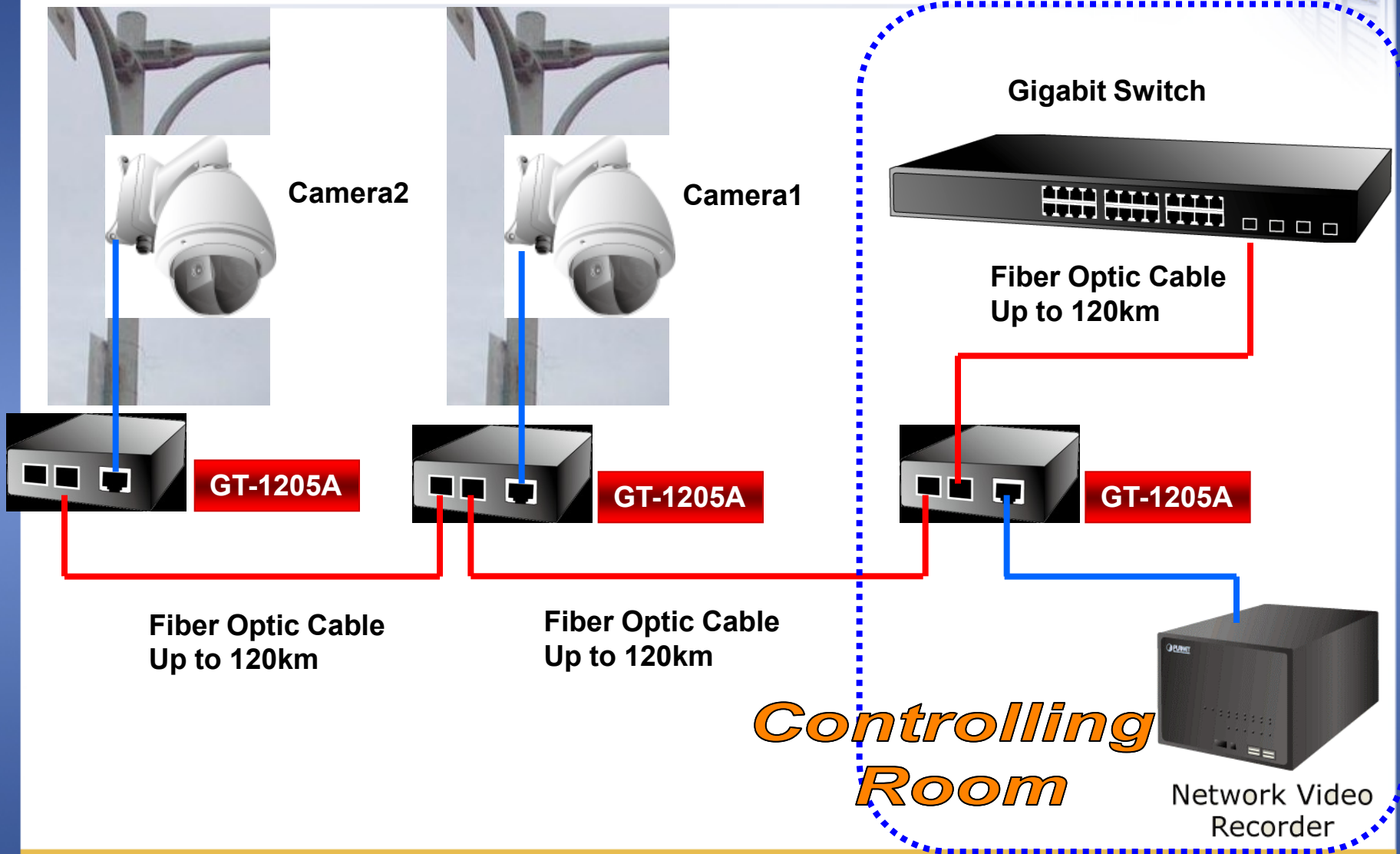


Product Features

◆ 3-Port data switching supported



Product Features



GT-1205A Slot-into with MC-Chassis

15 converters connect to 15 Fiber Extensions

Media Converters slot-into MC-Chassis

Gigabit Media Converter



Fiber Optical Cable



15 GT-1205A connect to **30 Fiber Extensions**

GT-1205A Slot-into MC-Chassis

Gigabit Media Converter



Fiber Optical Cable

Gigabit Media Converter



Fiber Optical Cable

Save More Space

Save More Power

Save More Money

Product Features

◆ Hardware

- ✓ **Complies IEEE 802.3, IEEE 802.3u, IEEE 802.3ab 10/100/1000Base-T RJ45 Ethernet port**
- ✓ **Complies IEEE 802.3z, 1000Base-SX / LX fiber optical**
- ✓ **IEEE 802.3x **Flow-Control**, Back-Pressure in Half-Duplex eliminate packet lost**
- ✓ **3-Port data switching**

◆ Interface

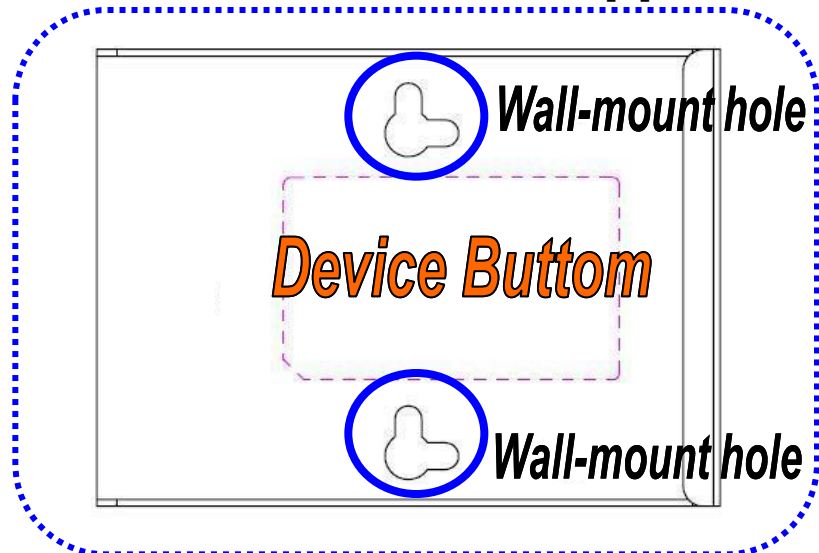
- ✓ **One 10/100/1000Mbps RJ45 port, Dual 1000Mbps SFP slot**
- ✓ **Auto-Negotiation for 10/100/1000Mbps connection**
- ✓ **Supports Auto MDI/MDI-X function**

◆ Mechanical

- ✓ **5V DC,2A power socket**
- ✓ **Wall-mount and DIN-Rail Supported**

Product Features

- ◆ **Wall-mount hole supported**



GT-1205A



- ◆ **DIN-rail supported** (via optional kit – RKE-DIN)

DIN-Rail



GT-1205A



RKE-DIN

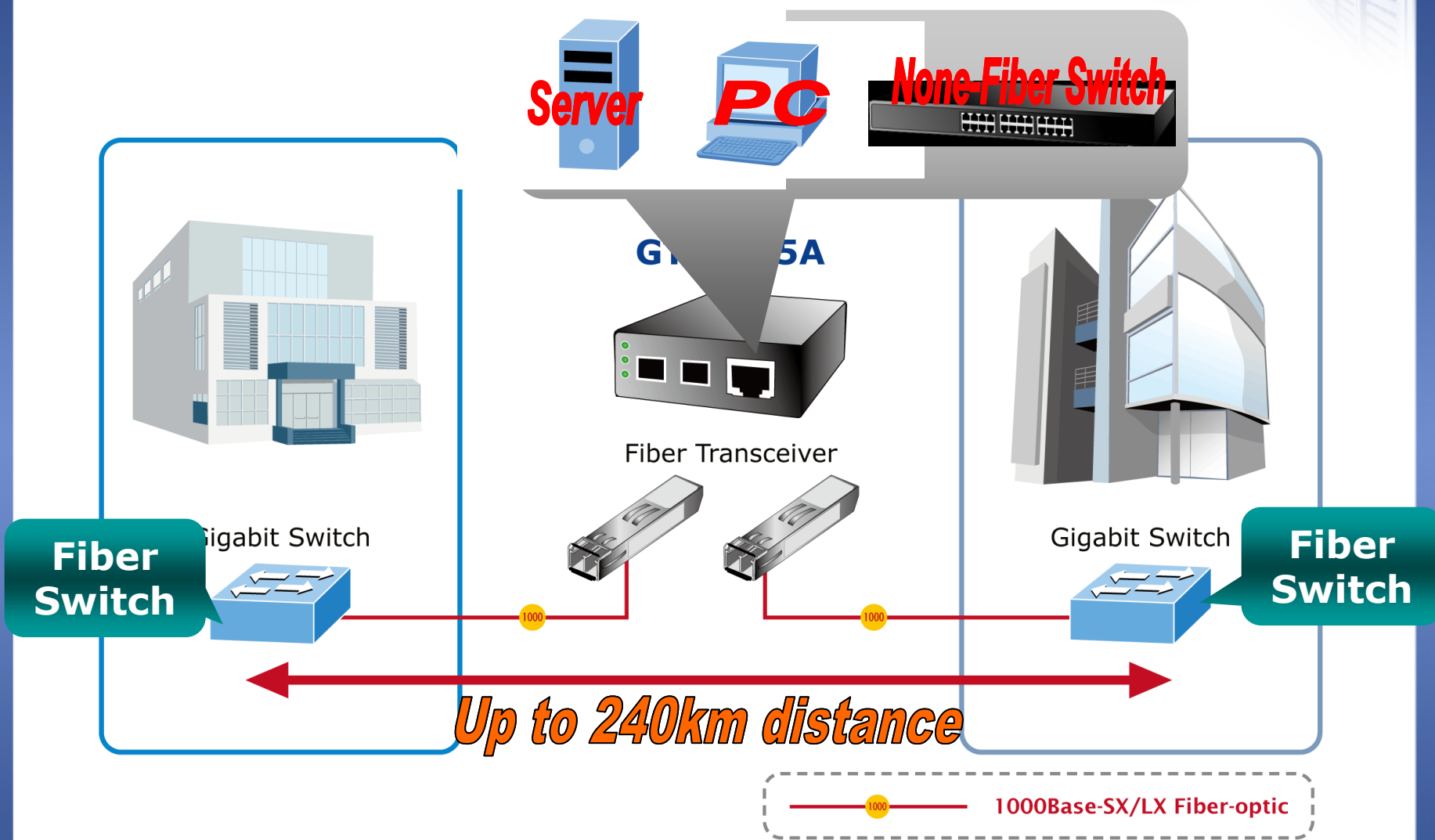




Application

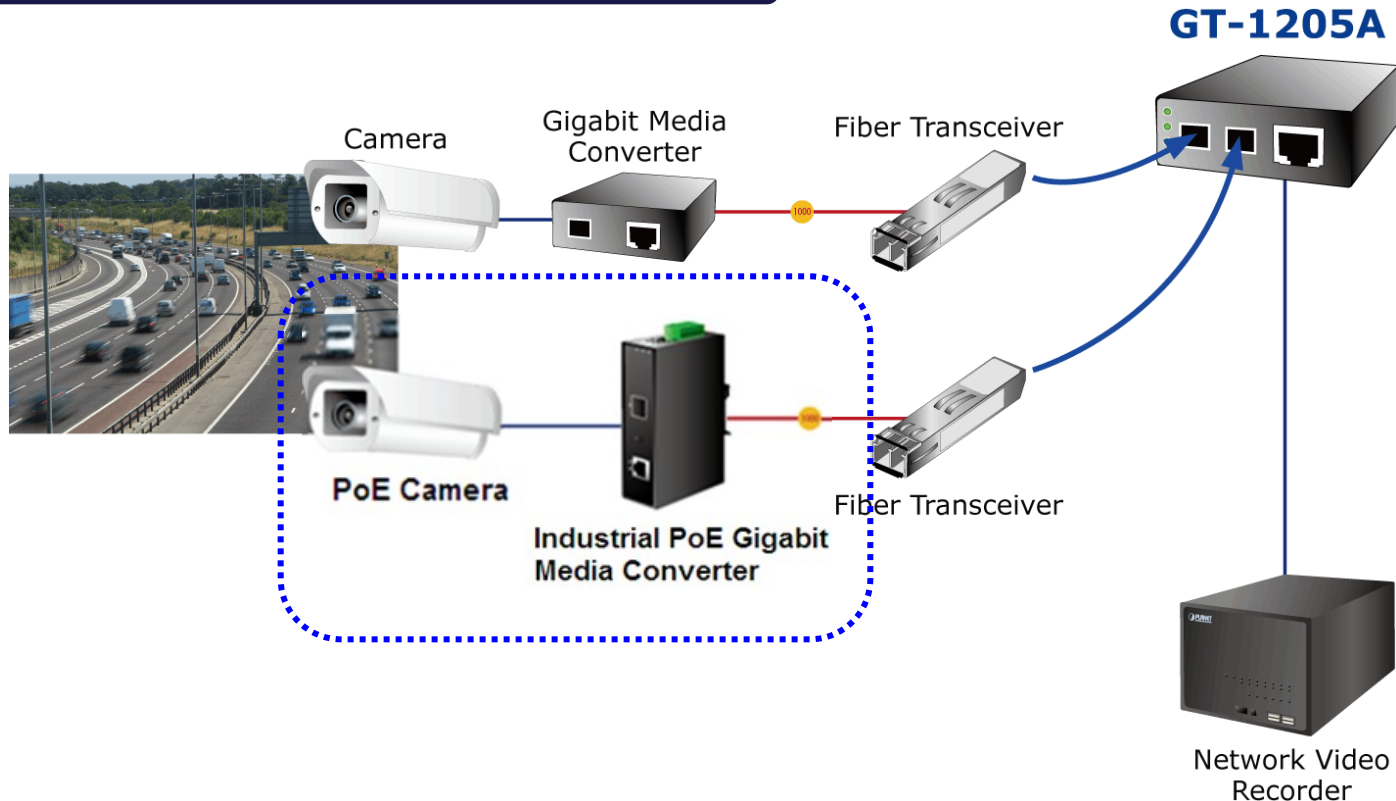
- ◆ **GT-1205A can be applied between the Gigabit Fiber Switch and the Gigabit Copper Network Card to perform media conversion and transmission.**
- ◆ **With the conversion, you can easily have the transmission distance of Gigabit copper cable extend up to 120km or longer (depends on SFP module). Built in two SFP ports, the GT-1205A can integrate with the existed copper Switch to provide Gigabit fiber transmission without the need of replacing with Gigabit fiber switch.**
- ◆ **Bringing Gigabit fiber transmission, GT-1205 enables video stream be delivered from the cameras up to 120km away to the local NVR (Network Video Recorder).**

Application – Expanding Distance



Application

Gigabit Media Converter Compatible



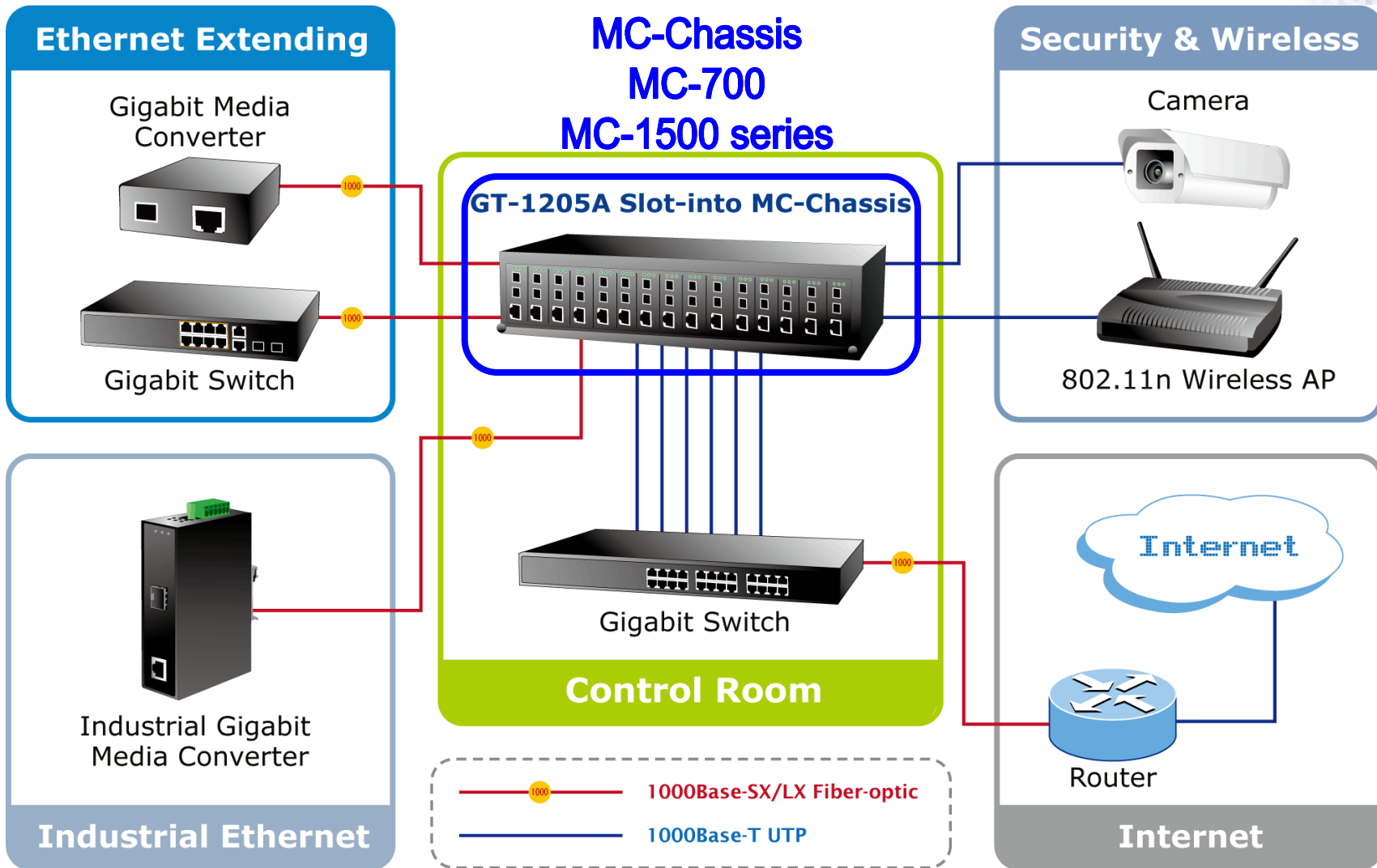
Application

- ◆ **Fiber-optic Networking for ISP, System Integrator, Enterprise, and Home**



With high performance of data transmission and easy installation, the GT-1205A can build the ISP network solution of **FTTH (Fiber to the Home), **FTTC** (Fiber to the Curb) and **FTTB** (Fiber to the Building).**

The GT-1205A is also ideal for small office network environment of enterprises

Application



Comparison

Vendor	PLANET	TRANSITION
Model name	GT-1205A	SGFEB1040-140
Level	Unmanaged	Unmanaged
Appearance		
Hardware specification		
10/100/1000Mbps Copper port	1	1
1000Mbps SFP Fiber slot	2	2
Stroe and Forward	■	-
MDI / MDIX Support	■	■
3-Port Switching	■	■
Flow Control Support	■	-
Wall Mounting Support	■	■
DIN-RAIL Support	■	■
Dimension (W x D x H)	94 x 70 x 26mm	82 x 122 x 25mm
Operation Temperature	0 ~ 50 Degree C	0 ~ 50 Degree C
Storage Temperature	-10 ~ 85 Degree C	-40 ~ 85 Degree C
Operation Humidity	5% ~ 90%	5% ~ 95%
Weight	0.19kg	0.9kg
Powe Requirement	DC 5V, 2A	DC 12V, 1.25A
Power Consumption	5.4 Watts / 18 BTU	6 Watts / 20.6BTU
Regulation Compliance	FCC Part 15, CE Class B	FCC Part 15 Class A, CE
Ethernet Standards	IEEE 802.3, 10Base-T IEEE 802.3u, 100Base-TX IEEE 802.3ab, 1000Base-T IEEE 802.3z, 1000Base-SX / LX IEEE 802.3x, Flow Control	IEEE 802.3, 10Base-T IEEE 802.3u, 100Base-TX IEEE 802.3ab, 1000Base-T IEEE 802.3z, 1000Base-SX / LX

Appendix Sales Target

◆ Target Markets

- ✓ IP Surveillance integrator
- ✓ Wireless / VoIP service provider
- ✓ System Integrator
- ✓ Hotel / Internet cafe
- ✓ Service Provider

◆ Target Customers

- ✓ Who needs Fiber to Ethernet Media Converter?
- ✓ Who buys PLANET Gigabit media converter
 - GT-70x, GT-80x, GT-90x, MC-700, MC-1500 series
- ✓ Who buys PLANET SGSW-24240 switch or any PLANET Gigabit Switch with 1000Mbps SFP port.



Appendix

◆ Available MGB Series Modules

MGB-GT	SFP-Port 1000Base-T Module – 100m
MGB-LX	SFP-Port 1000Base-LX mini-GBIC module - 10km
MGB-SX	SFP-Port 1000Base-SX mini-GBIC module - 550m
MGB-L30	SFP-Port 1000Base-LX mini-GBIC module - 30km
MGB-L50	SFP-Port 1000Base-LX mini-GBIC module - 50km
MGB-L70	SFP-Port 1000Base-LX mini-GBIC module - 70km
MGB-L120	SFP-Port 1000Base-LX mini-GBIC module - 120km
MGB-LA10	SFP-Port 1000Base-LX (WDM, TX:1310nm) mini-GBIC module-10km
MGB-LB10	SFP-Port 1000Base-LX (WDM, TX:1550nm) mini-GBIC module-10km
MGB-LA20	SFP-Port 1000Base-LX (WDM, TX:1310nm) mini-GBIC module-20km
MGB-LB20	SFP-Port 1000Base-LX (WDM, TX:1550nm) mini-GBIC module-20km
MGB-LA40	SFP-Port 1000Base-LX (WDM, TX:1310nm) mini-GBIC module-40km
MGB-LB40	SFP-Port 1000Base-LX (WDM, TX:1550nm) mini-GBIC module-40km
MGB-TSX	SFP-Port 1000Base-SX mini-GBIC module - 550m (-40~75°C)
MGB-TLX	SFP-Port 1000Base-LX mini-GBIC module - 10km (-40~75°C)
MGB-TL30	SFP-Port 1000Base-LX mini-GBIC module - 30km (-40~75°C)
MGB-TL70	SFP-Port 1000Base-LX mini-GBIC module - 70km (-40~75°C)

Appendix

◆ Related Products:

- ✓ MC-700 / MC-1500R series media converter chassis

MC-1500
MC-1500R / MC-1500R48



MC-700





ACTIVATING IP POWER