



KSH International Co., Ltd.

Network & Wireless Solution For Serial, USB, Analog & Digital I/O

- Industrial Gateway
- IoT Gateway
- Embedded Controller
- Raspberry Pi Built-in Controller
- Modbus Gateway
- Ethernet Switch / PoE
- Wireless Lan 802.11 b/g/n
- Bluetooth / 3G
- RS-232/ 422/ 485
- USB
- Digital I/O & Analog I/O
- PCIe & Mini PCIe
- Fiber
- Intercom



CE FC

www.tcpipweb.com

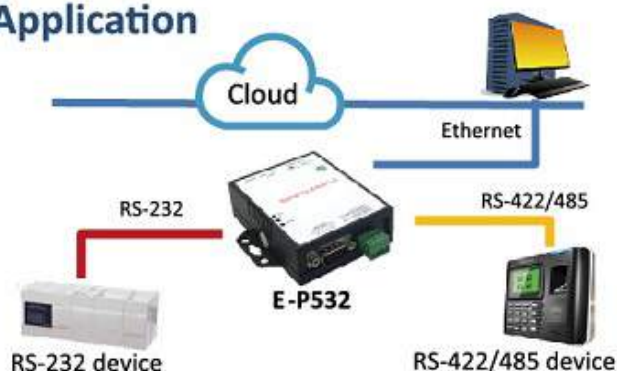
Serial to Ethernet



Features

- Multi Ports Serial interfaces
- Operation Modes : TCP server; TCP client; UDP; Virtual COM; Pairing
- Built in 15KV ESD protection for signals
- Web Browser configuration
- Easy installation Windows utility

Application



2 Ports E-P532



RS - 232 x 1
RS - 422/485 x 1

2 Ports E-P732



RS - 232 x 1
RS - 422/485 x 1

2 Ports+WiFi WPC-832



RS - 232/422/485 x 2

2 Ports+PoE E-P732-PoE



RS - 232 x 1
RS - 422/485 x 1

4 Ports E-P432



RS - 232 x 2
RS - 232/422/485 x 2

2 Ports+DIO E-P732-DIO



RS - 232 x 1
RS - 422/485 x 1, DI x 8 DO x 3

4 Ports Isolation WPC-732-3



RS - 232/422/485 x 4

8 Ports Isolation WPC-732-3-8



RS - 232/422/485 x 8

Serial to WiFi



Features

- Supports 802.11b/g/n (by WiFi model)
- Operation Modes : TCP server; TCP client; UDP; Virtual COM; Serial Tunnel
- Built in 15KV ESD protection for signals
- Web Browser Configuration
- Easy Wireless setup by Mobile Phone, PAD

Application



1 Port

E-P132-WB



RS - 232/422/485 x 1

2 Ports

WPC-832



RS - 232/422/485 x 2

WiFi to DIO E-P132-WB-DIO



2 DI / 4 DO
http command

S to WiFi TTL Module E-P132-WB-T



UART x 1
802.11 b/ g/ n

Serial to Bluetooth

Features

- Support Bluetooth 2.1
- Built in 15KV ESD protection for signals
- Easy setup Windows utility

Application



1 Port / S to BT

E-P132-B1



RS - 232

1 Port / S to BT

BS-101-I



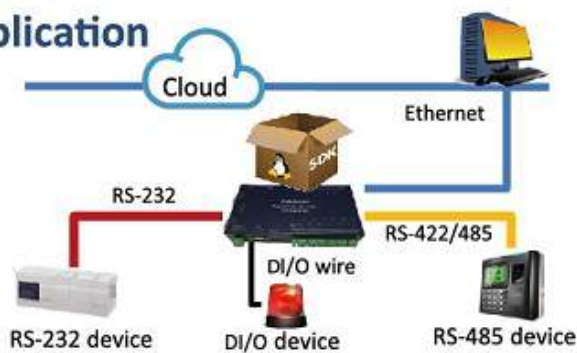
3KV DC Isolation
RS - 232/422/485



Features

- SDK for software development
- USB / Micro SD slot for storage
- Built in RTC / Buzzer
- Built in 15KV ESD protection for signals
- Web Browser configuration

Application



1 Port

WPC-132-RTC



RS - 232/422/485 x 1

2 Ports/Ethernet+WiFi

WPC-832



RS - 232/422/485 x 2

2 Ports

WPC-232



RS - 232 x 1
RS - 422/485 x 1

4 Ports +DIO+AI

WPC-632-3-DIO-AI



8 DI / 4 DO / 4 AI
RS - 232 x 2, RS-422/485 x 2

4 Ports

WPC-332



RS - 232 x 3
RS - 422/485 x 1

4 Ports

WPC-732-3



RS - 232/422/485 x 4

1 Port

WPC-132-RTC-T



UART x 1

8 Ports

WPC-732-3-8



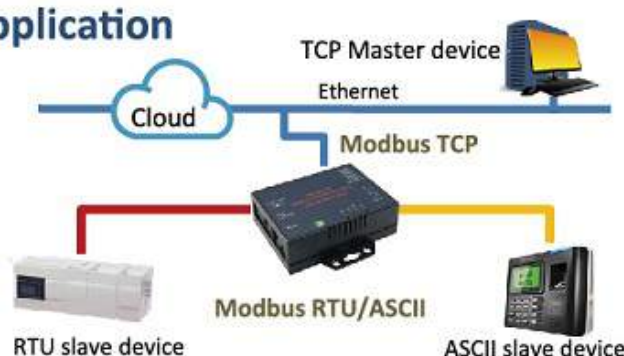
RS - 232/422/485 x 8



Features

- Support Modbus TCP to Modbus RTU/ASCII
- 4 Modbus modes Browser selectable
- Support 8 TCP Masters simultaneously requests
- Modbus RTU Master Connecting up to 32 RTU Slave

Application



1 Port/S to Ethernet

WPC-232-Modbus



RS - 232/422/485

2 Ports/S to Ethernet

E-P732-Modbus



RS - 232 x 1
RS - 422/485 x 1

1 Port/S to WiFi

E-P132-WB-Modbus



RS - 232/422/485

2 Ports/Ethernet + WiFi

WPC-832-Modbus



RS - 232/422/485 x 2

4 Ports -Isolation

WPC-732-3-Modbus



RS - 232/422/485 x 4

8 Ports -Isolation

WPC-732-3-8-Modbus



RS - 232/422/485 x 8

WiFi to DIO

E-P132-WB-DIO-Modbus



2 DI / 4 DO
http command

Analog Input

AI-140-Modbus



RS - 485 x 1
Analog Input x 4

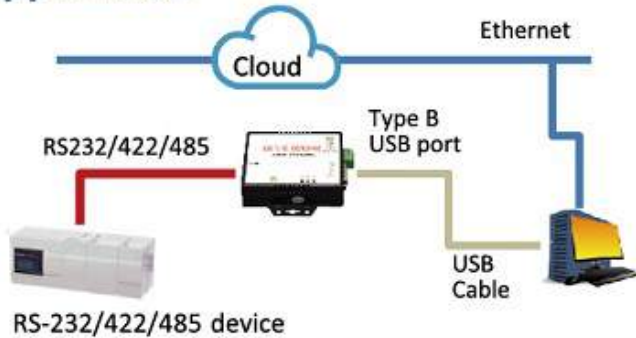
USB to Serial



Features

- Support USB 2.0
- 3KV DC optical isolation protection (I Models)
- Built in 15KV ESD protection for signals
- Support Windows/ Linux OS Driver
- Transparent Converter

Application



1 Port RS-232

US-101-232 (Silicon Lab)



RS - 232

1 Port Isolation

US-201-I (FTDI)



3KV DC Isolation
RS - 232/422/485

1 Port RS-422/485

US-101-485 (Silicon Lab)



RS - 422/485

4 Ports Isolation

US-401-I (FTDI)



RS - 232/422/485 x 4

1 Port Isolation

US-101-I (Silicon Lab)



3KV DC Isolation
RS - 232/422/485

4 Ports/ USB to Ethernet

UE-101



RJ45 x 1
USB2.0 x 4

Serial Converter



Features

- Plug & Play installation
- 3000V DC isolation protection
- Built in 15KV ESD protection for signals
- RS-422/485 surge & over current protection
- Built in 100 ohm Termination resistor
- Dual modes power input – DC jack / TB Connector

Application



1 Port

SC-101



RS - 232 to RS - 422/485

1 Port Isolation

SC-101-I



3KV DC Isolation
RS - 232 to RS - 422/485

Serial & DI/O to 3G-SMS

Features

- Support Quad Band GSM/GPRS/EDGE
- Support 850 / 900 / 1800 / 1900 Mhz
- SMS Control 3 DI / 3 DO
- RS-232/ 422/ 485 x 1
- Web Browser Configuration

Application



1 Port + DIO

E-P332-3G-DIO



3 DI / 3 DO
RS - 232/422/485

1 Port - SMS

E-P332-3G-DIO-SMS



3 DI / 3 DO
RS - 232/422/485

Industrial Gateway -Isolation

Ethernet DIO & AI



Features

- Industrial specs data gateway
- For Serial to Different Interface Converter
- Wide Range Power Input
- Wide Range Operating Temperature
- 3000 VDC Isolation



Features

- Easy Controlled DI/DO/AI by TCP Socket
- Support Modbus or Http Command
- Programmable controller with DI/DO/AI
- Built-in RTC, Buzzer, Micro SD

Application



Serial to Ethernet

WPC-132-I



RS-232/422/485 x 1

Serial to WiFi

WPC-832



RS-232/422/485 x 2

4 Ports+DIO+AI

WPC-632-3-DIO+AI



8 DI / 4 DO / 4 AI
RS-232 x 2, RS-422/485 x 2

2 Ports+8 DI/3 DO

E-P732-DIO



8 DI / 3 DO
RS-422/485 x 1

USB to Serial

US-201-I (FTDI)



RS-232/422/485 x 1

Serial to Bluetooth

BS-101-I



RS-232/422/485 x 1

4 Ports+8DI/4DO

WPC-332-DIO84



8 DI / 4 DO
RS-232 x 3, RS-422/485 x 1

WiFi to DIO

E-P132-WB-DIO



2 DI / 4 DO
http command

RS-232 to RS-422/485

SC-101-I



RS-232/422/485 x 1

Ethernet Switch/PoE

IES-501-I



Analog Input -TCP

AI-140-WEB



RS-485 x 1
Analog Input x 4

Analog Input - RTU

AI-140-Modbus



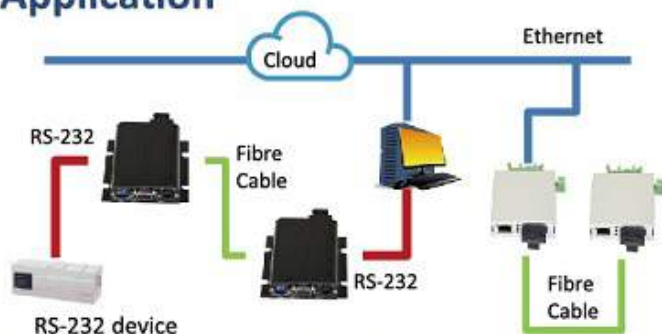
Analog Input x 4



Features

- Convert one RS-232 /422/485 port (FS model)
- Convert to 10/100 Mbps Ethernet (FE model)
- Multi Mode max. distance reach 2Km
- Single Mode distance up to 80Km
- Low noise and low BER
- Small cross talk

Application



Fiber to Serial

FS-120-SM



Single Mode
RS-232/422/485

Fiber to Serial

FS-120-MM



Multi Mode
RS-232/422/485

Fiber to Ethernet

FE-100-C-SM



Single Mode
RJ45 x 1

Fiber to Ethernet

FE-100-C-MM



Multi Mode
RJ45 x 1

Fiber to Giga LAN

FGE-100-C-SM



Single Mode
RJ45 x 1, Giga bits

Fiber to Giga LAN

FGE-100-C-MM



Multi Mode
RJ45 x 1, Giga bits



Features

- Wide operating temperature range IP175DLFI (-40°C to 85°C)
- Up to 2K MAC addresses
- Support auto-polarity for 10Mbps
- Broadcast storm protection
- Auto MDI-MDIX
- Layer2-4 Multi-Field classifier, support traffic policy
- 5 to 30VDC Power inputs
- Industrial metal case
- Supports screw terminal or DC-JACK
- Low power consumption

Application



5 Ports 10/100M

IES-501-I



8 Ports 10/100M

IES-801-I



5 Ports 10/100/1000M

IGES-501-I



8 Ports 10/100M+PoE

IES-801-I-PoE



PCI/PCle/Mini PCIe for Serial Intercom - IP Door Phone



Features

- Multi ports Addon Card for Serial Interface
- Industrial spec 3000VDC Isolation Protect
- Easy Setup & Installation
- Provide Windows & Linux OS Driver
- Wide range operation temperature

2 Ports RS-232

2 Ports PCIe



2 Ports RS-422/485

2 Ports Mini PCIe



2 Ports RS-422/485

2 Ports PCIe



RS-422/485

4 Ports RS-232

4 Ports Mini PCIe



4 Ports RS-422/485

4 Ports PCIe Isolation



1 Port RS-422/485

EXPRESS CARD



8 Ports RS-232

8 Ports PCIe



4 Ports RS-422/485

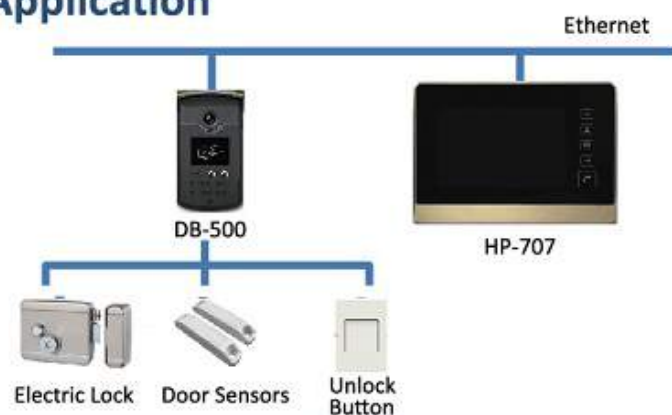
4 Ports PCI



Features

- IP Based Intercom System
- Easy Expand & Easy Setup
- Integrated with Video, Voice & Access Control
- For Emergency, Building & Community

Application



Doorbell Phone

DB-500



Indoor Phone-7

HP-707



Door / Lobby Phone

DP-700



Indoor Phone-10

HP-710



Emergency Phone

AC-300



Administrator Station

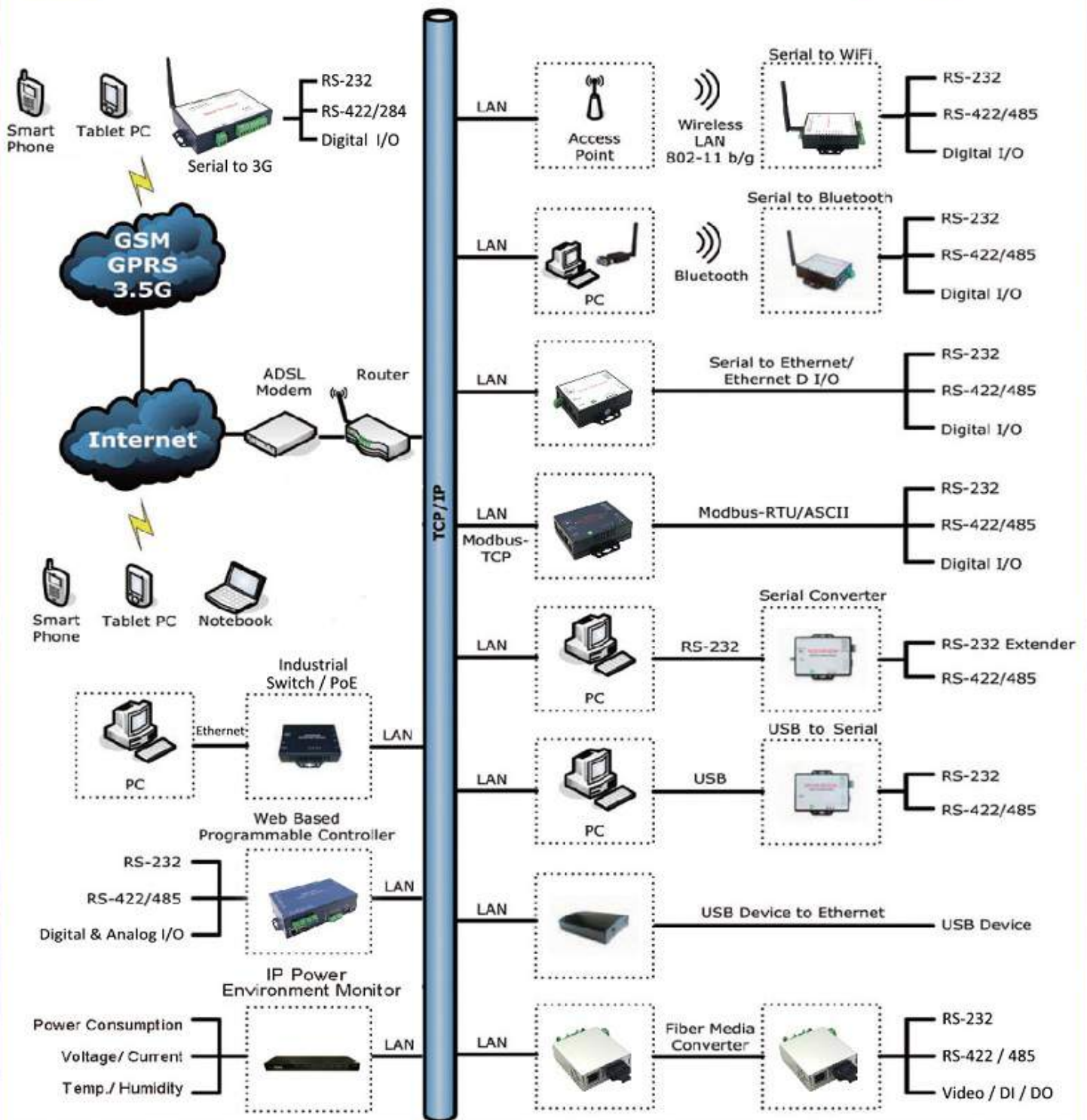
AM-800



《Application Infrastructure》



Network & Wireless Solution for Serial, USB & Analog & Digital I/O



KSH International Co., Ltd.

OEM/ODM Welcome

E-MAIL : sales@tcpipweb.com.tw; tcpip.web@msa.hinet.net

TEL : +886-2-2218-2252 FAX : +886-2-2218-3531

2F., No.17, Minsheng Rd., Xindian Dist., New Taipei City 23150, Taiwan

www.tcpipweb.com

