# EVE 4x4 v2
Modular 16-channel H.264 video encoder
Quick Start Guide

Find additional manuals, the datasheet, the EU Declaration of Conformity and the latest firmware for this product at:
http://www.tkhsecurity.com/support-files

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Unpack

Note: Subject to modification. Actual product and accessories may differ in appearance.

Understand front panel and back panel

Activity

Digital I/O RS-422/485 — Reset button* — 12 Vdc — PORT 1 — PORT 2 — 12Vdc

4x — VIDEO IN — AUDIO IN

Note: The two GbE ports do not provide redundancy.

*Press and hold for 10 sec. to reset to factory defaults (incl. network settings)

Insert µSD card

Max. 32 GB SDHC
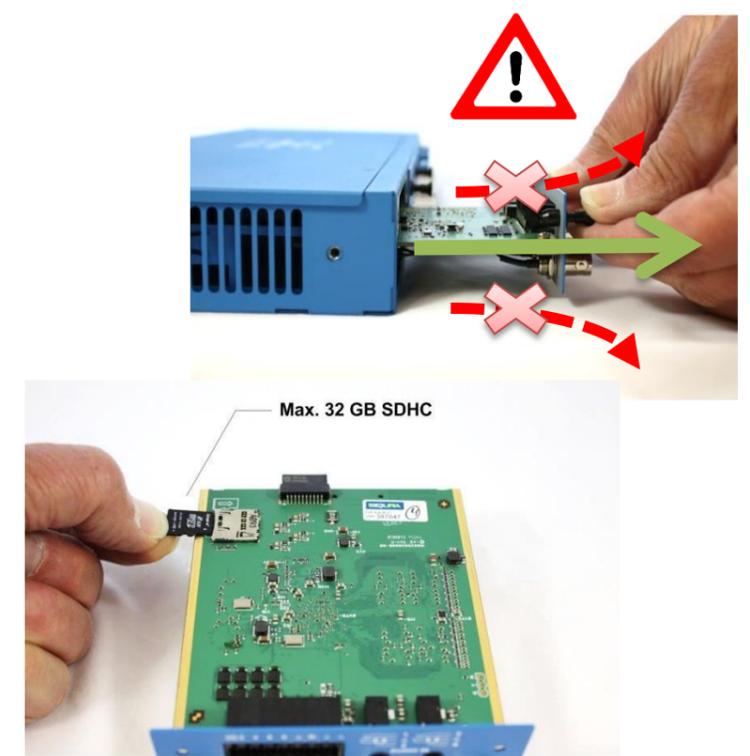
Connect cables

Assign IP addresses via DHCP ...

Siqura S620 D — HDMI — 4x — Video / RS-422/485 — Cat 5 — IP IP IP IP — 10.x.y.0 — NTP — IP = 10.x.y.z 4x — Video Management System — DHCP
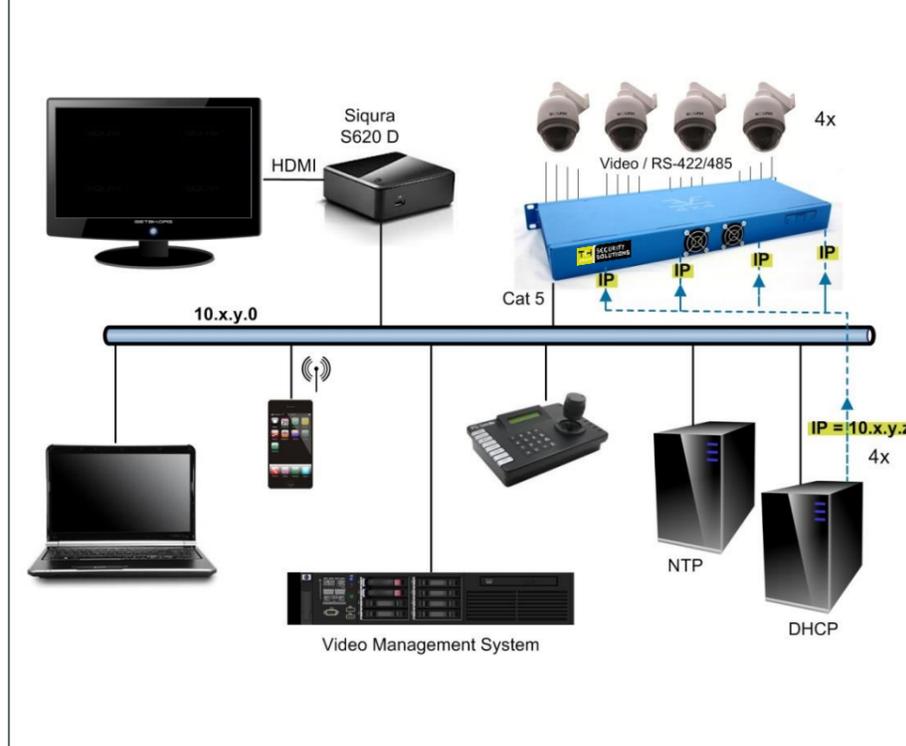
... or use factory-set IP addresses (optional)

EVE 4x4-R V1 — 4x — Video / RS-422/485 — Cat 5 — 10.x.y.0 — NTP — Video Management System

http://www.tkhsecurity.com
http://www.tkhsecurity-usa.com
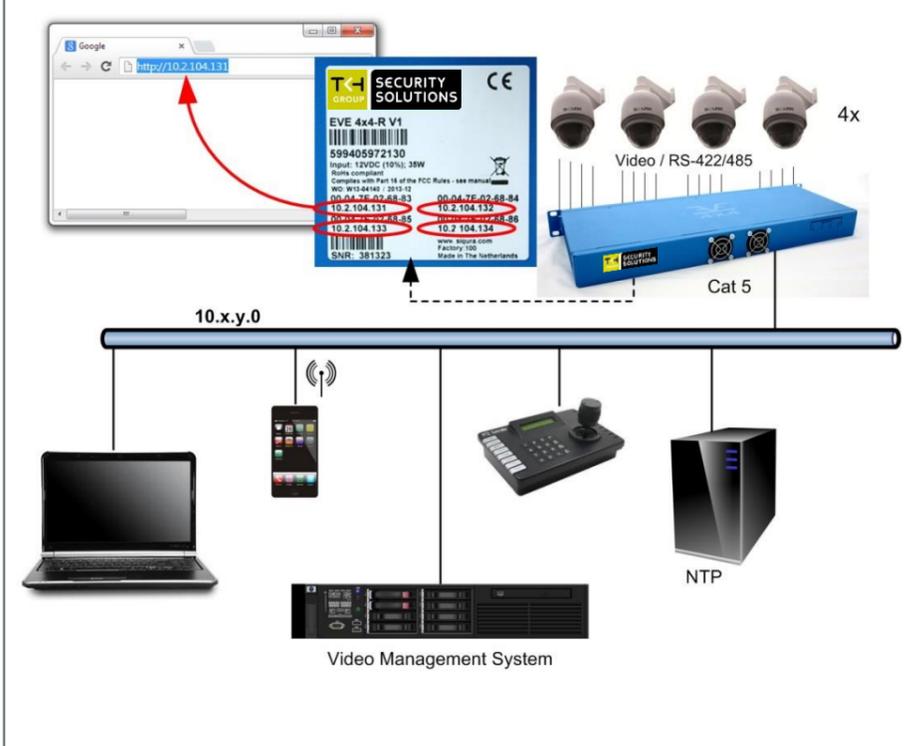
Install Device Manager (optional)

http://www.tkhsecurity.com/support-files

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MARKETS

support-files > Software > Siqura Device Manager

C:\Users\...\Downloads\Siqura Device Manager.zip
File Edit View Favorites Tools Help
Add Extract Test Copy Move Delete Info
C:\Users\...\Downloads\Siqura Device Manager.zip

Name	Size
Redistributables	8 990 552
Quick Reference.pdf	1 750 867
Siqura Device Manager.exe	3 322 099

0 object(s) se

Access via Device Manager (optional)

Siqura Device Manager
File Autodetect Help
Network Interface: Local Area Connection: 10.50.3.10
Filter
English

	Device	IP Address	Netmask	Name
All	New	Unauthorized	Warning	IP Error

Entire Network
10.0.0/8

EVE 4x4
EVE 4x4
EVE 4x4
EVE FO
EVE FO
EVE FO
EV
EVE FO
EVE ONE
FD820H1
HSD820H1-EP
S-60 E
S-60 E
S-64 E

Open Web Page   Ctrl+W
Change Credentials on Device...   Ctrl+C
Credentials used by Device...   Ctrl+U
Change Name...   Ctrl+N
Change Network...   Ctrl+H
Change Ti...   Ctrl+T
Identify...   Ctrl+I
Backup Settings...   Ctrl+B
Restore Settings...   Ctrl+R
Upgrade Firmware...   Ctrl+F
Capabilities...
Remove device from list   Del

View live stream

EVE   10.0.0.156
SECURITY SOLUTIONS   EVE 4x4-B   English
Live Stream

- Live Stream
- Camera
- Events
- Recording
- Device
- Diagnostics
- Analytics
- Advanced

Modify streaming profile

EVE   10.0.231.156/camera/streaming-profiles
TKH SECURITY SOLUTIONS   EVE 4x4-B   English
Streaming Profiles

Camera-1   Camera-2 – stream 1   Camera-3   Camera-4

960H (factory)   Copy

Name: 960H
Encoder type: H.264 HP
Frame rate: 25   fps   25 fps
GOP size: 50   frames
Peak bit rate: 6000 kbit/s 6039 kbit/s
Max. long term bit rate: Enable
Resolution: 960H   960x576

- Live Stream
- Camera
- Management
- Image Quality
- Overlays
- Streaming Profiles
- PTZ
- Events
- Recording
- Device
- Diagnostics
- Analytics
- Advanced

Factory
960H
High quality
DSL
MJPEG
Mobile
PTZ
Recording

960H
D1
1/2 D1
2CIF
CIF
QCIF
2/3 D1
VGA
QVGA
4CIF

25
12.5
8.3
6.25
5
2
1

H.264 HP
MJPEG

Modify image quality

EVE   EVE   10.0.231.156/camera/image-quality
TKH SECURITY SOLUTIONS   EVE 4x4-B   English
Image Quality

- Live Stream
- Camera
- Management
- Image Quality
- Overlays

Reset to factory defaults

Noise filter: Average   Off / Weak / Average / Strong
Auto enhancement: Off   Off / On
Brightness:
Color saturation:
Contrast:
Hue:
Sharpness:

View EVE stream in video player

Open Media
File   Disc   Network   Capture Device
Network Protocol
Please enter a network URL:
rtsp://10.0.231.156/VideoInput/1/h264/1

http://www.example.com/stream.avi
rtp://@:1234
mms://mms.examples.com/stream.asp
rtsp://server.example.org:8080/test.sdp
http://www.youtube.com/watch?v=gg64x

<1/2/3/4>   <1/2>

Show more options

rtsp://10.0.231.156/VideoInput/1/h264/1 - VLC media player
Media   Playback   Audio   Video   Subtitle   Tools   View   Help

rtsp://10.0.231.156/VideoInput/1/h264/1