VIVOTEK

RX9401

H.265 4K Video Receiver

H.265/H.264 • 16CH • HDMI • ONVIF

VIVOTEK's RX9401 is an H.265 Single-Channel Ultra-HD Video Receiver. Delivering high-quality and detailed images, it is equipped for up to 16-CH network cameras and a maximum network camera resolution of 8-Megapixels. The RX9401 can drive an HD monitor directly via HDMI, and supports decode options of 4K 30 fps, four H.265 1080p 120 fps, nine H.265 720p 270 fps, or sixteen H.265 D1 480 fps. The RX9401 offers a more cost-effective and PC alternative solution with no costly VMS client fee, no HDD noise and no failure issues. It is suitable for standalone viewers through local viewing. Secured and simplified IT management reduce the requirement for end user training, further reducing long-term costs.
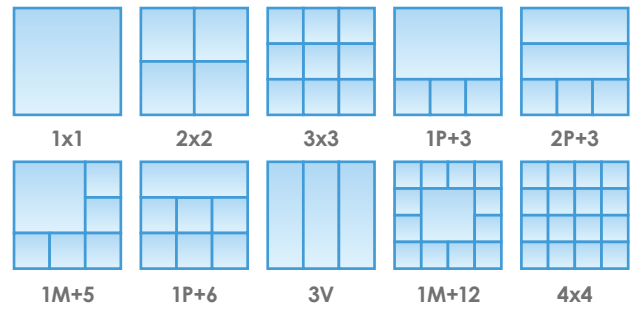
Key Features

・H.265/H.264 Compression Technology
・Up to 16 Channel IP Camera Input
・HDMI Video Output up to 4K Resolution
・Up to 8MP Camera
・One Button Auto Setup
・Fisheye Dewarp

・ONVIF Compliance (Project Support Function)
・Compact Size with Fanless Design
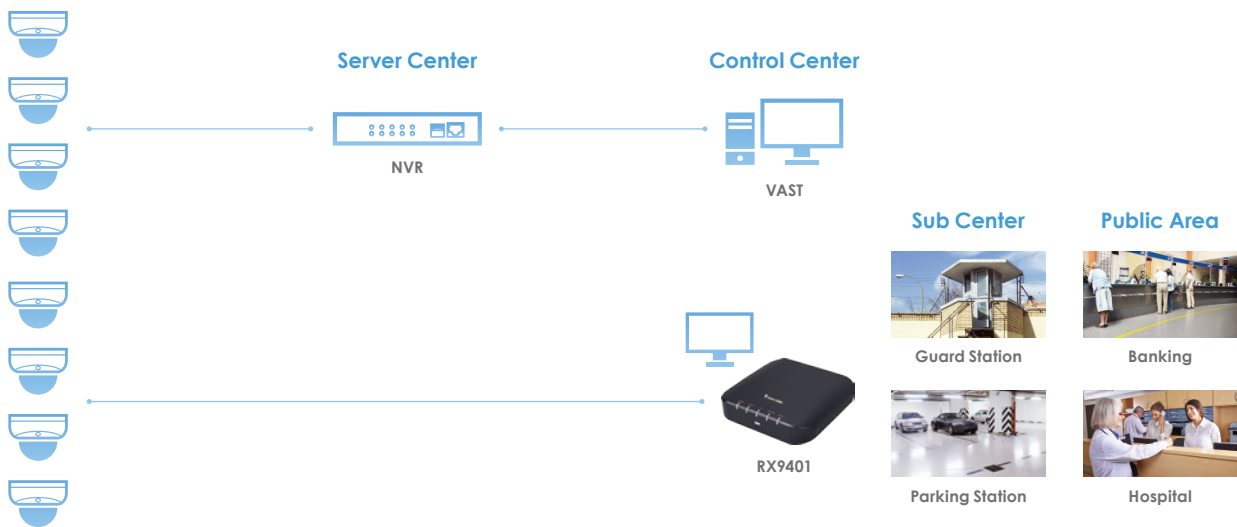・Supports Various Split-window Layout Display Modes

Highlight Features

Various Split-window Layout & Fisheye Dewarp Support

The RX9401 provides various split modes for layout display (1x1, 2x2, 3x3, 1P+3, 2P+3, 1M+5, 1P+6, 3V, 1M+12, 4x4) and supports VIVOTEK's fisheye camera Fisheye Dewarp function, which provides multiple de-warping modes to ensure the correct angle of video view and detailed information for flexible usage.

| 1x1 | 2x2 | 3x3 | 1P+3 | 2P+3 |

| 1M+5 | 1P+6 | 3V | 1M+12 | 4x4 |

System Structure

Server Center

NVR

Control Center

VAST

Sub Center

Guard Station

Parking Station

Public Area

Banking

Hospital

RX9401

Prodcut - Ordering Information

Model	Part Number
RX9401, AU	100178930G
RX9401, EU	100178910G
RX9401, JP	100178940G

Model	Part Number
RX9401, UK	100178920G
RX9401, US	100178900G

Mechanical Information

Front View

Power   Status   NET   Camera   Reset

USB 2.0

Back View

DC 12V   NET   USB 2.0   Reset

HDMI
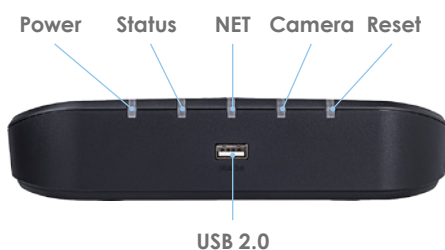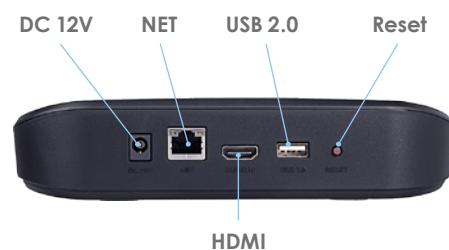
Technical Specifications

Hardware Information

Model	RX9401

System

OS	Embedded Linux
CPU	ARM Processor
Flash	256 MB
RAM	1GB
Watchdog	Hardware + Software
Power Restoration	System Restart Automatically after Power Recovery

Video & Audio

Video Output	HDMI x1
Resolution	3840x2160,1920x1080, 1280x720
Graphics Decoder	Hardware decoding
Decoding Capacity	H.265/H.264: 3840x2160 @ 30 fps (1CH) 1920x1080 @ 120 fps (4CH) 1280x720 @ 270 fps (9CH) 720x480 @ 480 fps (16CH)
Camera Position	Change the viewcell position on the Live View screens

External Interface

USB Interface	Front: 1 (USB 2.0) Back: 1 (USB 2.0)
Audio	HDMI Audio Output

Network

Network Interface	10/100Mbps Ethernet (RJ-45) x 1
Protocols	IPv4, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, SMTP, DHCP, NTP, DNS, IP Filter

Power

Power Input	DC 12V 1.5A
Power Consumption	Max. 9.24 W

LED Indicator

LED Indicator	Power, Status, NET, Camera, Reset

Mechanic

Form Factor	Mini
Operation Buttons	Reset (Back)
Dimensions	198 (W) x 200 (D) x 47 (H) mm
Weight	530 g
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Humidity	0 ~ 95%

General

Safety Certifications	CE, LVD, FCC, VCCI, C-Tick
Warranty	24 months

Client PC Requirements

Operating System	Microsoft Windows OS: XP/Vista/7/8/10/2008/2012
CPU	Intel Celeron or above
Memory	2 GB or above
Ethernet	10/100Mbps
Display Resolution	1024x768 pixels or above
Web Browser	Internet Explorer 10 (32 bit) or above
Software AP	Installation Wizard 2, Shepherd

Accessories

Others	Power adaptor, QIG, 1 x USB Mouse

Dimensions

198 mm　　47 mm　　200 mm
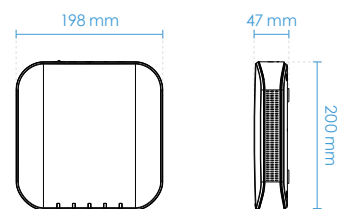
Software Information

LiveView (Local Display)

Stream Application	Constant/Auto Adaptive Stream
LiveView Display	16 Channels Multiple Layout Display: 1x1, 2x2, 3x3, 1P+3, 2P+3, 1M+5, 1P+6, 3V, 1M+12, 4x4
Monitor Enhancement	OSD Display (NVR), OSD Display (Camera), Camera Information, Aspect Ratio, Fisheye Dewarp (1O, 1P, 1R, 1O3R, 1P3R, 1O8R)
PTZ Control	Panel Control/Joystick
PTZ Operation	Direction Control, Home, Iris, Preset, Patrol (Group), PiP Control

Backup

Manual	USB Dongle (FAT Format)

System

User Management	User Account: 16 User Account Time Limit: 10 mins User Level: Administrator
Date&Time	Time Zone, Manual, Automatic Sync NTP, Daylight Saving Time

Technical Specifications

Firmware	Manual upgrade
Restore Default	Supported
Backup/Restore (Configuration)	Supported
Language	Czech, English, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish, Simplified Chinese, Traditional Chinese, Polish

Camera Integration

Insert Camera	Manual, Search
ONVIF Core SPEC.	Version 2.2 or above (By Project)

ONVIF Stream	Video (H.264 & MJPEG)
ONVIF Discover	Discover other brand camera through "Insert Camera & Batch Insert"

Device Integration

Joystick	AJ-001, AJ-002