Flash	Julimedia SoC (System-on-Chip) 28 MB 28 MB 28 MB 22.5° Progressive CMOS sensor obsart 505 obsart 50	Alarm and Event Alarm Triggers  Alarm Events  General  Connectors  LED Indicator Power Input Power Consumption Dimensions Weight Safely Certifications Operating Temperature Waranty	Video motion detection, manual trigger, digital input, periodical trigger, system hoot, recording notification, camera tampering detection.  Event notification using digital output, HTTP, SMTP, FTP and NAS server.  File upload via HTTP, SMTP, FTP and NAS server.  RJ-45 cable connector for Network/PoE connection Audio input.  Audio output.  Digital output.  Digital output.  Digital output.  Digital output.  Digital output.  Selem power and status indicator.  IEEE 802 3af PoE Class 2  Max. 5.1 W (FDC LYV)  Max. 5.3 M (FDC LYV)	
Flash 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	28 MB	Alarm Events  General  Connectors  LED Indicator  Power Input  Power Consumption  Dimensions  Weight  Safety Certifications  Operating Temperature	pendical trigger, system boot, recording riotification camera tampering detection. Event notification using digital output, HTTP, SMTP, FTP and NAS server. FTP and the Sachad via HTTP, SMTP, FTP and NAS server. FTP and the Sachad via HTTP, SMTP, FTP and NAS server. RJ-45 cable connector for Network-PoE connection Audio output. Audio output. Dec. 12/2 power input. Dec. 12/2 power input. Digital confourt! System power and status indicator. DC 12/2 power input.	
Camera Features Image Sensor I. Assummar Resolution III Assummar III	28 MB 2.2 F Propresive CMOS sensor 2.2 F Propresive CMOS sensor 2.3 F Propresive CMOS sensor 2.4 F Propresive CMOS sensor 2.5 F Propresive CMOS sensor 2.6 F Propresive CMOS sensor 2.7 (sensor) 2.7 (se	General Connectors  LED Indicator Power Input Power Consumption Dimensions Weight Safety Certifications Operating Temperature	camera tampering detection using digital output, HTTP, SMTP, FTP and NAS server File upbad via HTTP, SMTP, FTP and NAS server File upbad via HTTP. SMTP, FTP and NAS server File upbad via HTTP. SMTP, FTP and NAS server National via HTTP. SMTP, FTP and NAS server Display output outpu	
Camera Features Image Sensor Im	2.5° Progressive CMOS sensor 256sr1556 text-fixed 1 fi 9 mm 1 fi 10 mm 1	General Connectors  LED Indicator Power Input Power Consumption Dimensions Weight Safety Certifications Operating Temperature	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server RJ-45 cable connector for Network/PoE connection Audio input Audio output Digital reput? Digital	
Image Sensor  Makamum Resolution 1  Lens Type	Sear 155 the document  1-1 gin mm  20 80° (hordzontali) 80° (hordzontali) 80° (kilopani) 80° (ki	General Connectors  LED Indicator Power Input Power Consumption Dimensions Weight Safety Certifications Operating Temperature	FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server  RJ.45 cable connector for Network/PoE connection Audio rigid DC 147 (Power input Digital output*) Digital output*) Digital output* Digital output* OC 147 (Power input Digital output*) System power and status indicator DC 147 DC 128 Max. 5.1 W (DC 129) Max. 5.1 W (DC 129) The Common Net 359; Net 300 mm Net 359; DC 139 mm x 45 mm Net 359; DC 1170 FCC Class A VCCI, C-Tick, UL	
Maximum Resolution Lens Type Focal Length Fo	Sear 155 the document  1-1 gin mm  20 80° (hordzontali) 80° (hordzontali) 80° (kilopani) 80° (ki	Connectors  LED Indicator Power Input Power Consumption Dimensions Weight Safety Certifications Operating Temperature	File upload via HTTP SMTP, FTP and NAS server  RJ-45 cable connector for Network/PoE connection Audio input Audio output Dic 127 power input Digital oput*1 Digital oput*1 Digital oput*1 System power and status indicator System power and status indicator EFEE 802 3af PoE Class 2 Max 5.1 W (PoE) Max 6.3 W (PoE) 1.93 mm x 43 mm Net 353 g CE, LYO, FCC Class A, VCCI, C-Tick, UL	
Lens Type Focal Length Frocal	lived-focal  - 1,19 mm  - 20 20 30" (hostonial) 30" (vertical) 30"	Connectors  LED Indicator Power Input Power Consumption Dimensions Weight Safety Certifications Operating Temperature	P. J. dS cable connector for Network/PoE connection Audio input Audio cuput and potential potent	
Focal Leignith Focal Leignith Faperture Field of View Fiel	= 1.19 mm 20	Connectors  LED Indicator Power Input Power Consumption Dimensions Weight Safety Certifications Operating Temperature	Audio input Audio culput DC 147 power input Digital reput	
Apenture   Field of View   11   Shuttler Time   11   MORT Technology   Day/Night   Republication   12   More Technology   Day/Night   Republication   12   Functionalities   Day/Night   Republication   13   Functionalities   Day/Night   Republication   13   Functionalities   Day/Night   Republication   13   Functionalities   Day/Night   14   Maximum Frame Rate   Heading   14   Maximum Streams   3   SN Ratio   A   Maximum Streams   A   Maximum Streams   A   Video Streaming   A   Video Streaming   A	20 a) Pri (notionial) and (not	LED Indicator Power Input Power Consumption Dimensions Weight Safety Certifications Operating Temperature	Audio input Audio cutput DC 12V power input Digital reput 1 Digital output	
Field of View 11 Shutter Time 1. Shutter Time	80° (hotzontal) 80° (redical)	Power Input  Power Consumption  Dimensions  Weight Safety Certifications Operating Temperature	Audio output  0c 12V power input  Digital input*1  System power and status indicator  0c 12V  1EEE 802 3af PoE Class 2  Max. 5.1 W (05 12V)  Max. 5.3 W (PoE)  1.13 mm  Net. 553 g  CE, LYO, FOC Class A, VCCI, C-Tick, UL	
Shufter Time 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	80" (veitcal)  90" (dagoral)  90" (d	Power Input  Power Consumption  Dimensions  Weight Safety Certifications Operating Temperature	DC 127 Power input Digital routh* Di	
Shutter Time 1.  WDR Technology 1.  WDR Technology 2.  WDR Technology 3.  WDR Technology 4.  Robert 3.  WDR Technology 4.  Robert 3.  Robert 4.  Robert 4.	80" (diagnosis)  80" (diagnosis)  Sec. to 142,000 sec. URK Erbansced  Sec. to 142,000 sec. URK Erbansced  Lluc & F. 20 (Cobin)  Lluc & F. 20 (Cobin)  Z (Lluc & F. 20 (Cobi	Power Input  Power Consumption  Dimensions  Weight Safety Certifications Operating Temperature	Digital input*1 System power and status indicator DC 12V IEEE 802.34f PoE Class 2 Max. 5.1 W (POE) 0. 139 mm x 43 mm Net 363 g CE; LVD, FCC Class A, VCCI, C-Tick, UL	
Shutler Time  WRR Technology  VWRR Technology  VWRR Technology  VWRR Technology  VWRR Technology  VWRR Technology  VRR Technol	if sec. in 102,000 sec. OTAC Enhanced emrovable Re-cut filter for day & night function 2 Lux @ P 20 (Colori) 001 Lux @ P 20 (Colori) 001 Lux @ P 20 (Colori) 202 kg (gillad 2000 ff 20 (Sin V) 203 kg (gillad 2000 ff 20 (Sin V) 204 kg (gillad 2000 ff 20 (Sin V) 205 kg (gillad 2000	Power Input  Power Consumption  Dimensions  Weight Safety Certifications Operating Temperature	Digital output* System power and status indicator DC 127 IEEE 802.34f PoE Class 2 Maxs. 5.1 W (POE) 0.199 mm x. 43 mm Net. 353 g CE, LVD, FCC Class A, VCCI, C-Tlick, UL	
DayNight	emovable R-cut filter for day & night function 2 Lux @ P.20 (Color) 001 Lux @ P.20 (Color) 001 Lux @ P.20 (Color) 2 cx digital zoom (12x on II plug-in) Introduced State (12x on II plug-in) 1264, MUPEG & IMPEG-4 264: 55 part 15/86-15/96 IPEG-4.	Power Input  Power Consumption  Dimensions  Weight Safety Certifications Operating Temperature	System power and status indicator DC 12V IEEE 802.3af POE Class 2 Max. 5.1 W (DC 12V) Max. 5.3 W (POE) Ø: 139 mm x 43 mm Net 333 g CE; LVD, FCC Class A, VCCI, C-Tick, UL	
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Pantilitzoom el Functionalitées el Functionalitées el Functionalitées el Functionalitées el Functionalitées el Functionalitées et l'Autoritée	001 Luis g P.20 (BM) PT2 2012 20x digital com (12x on 1E plug-H) InteroSISSMC/SISSXC card slot  2064, NLIFEG & MPEG-4 2044 2045 2056 2056 2056 2056 2056 2056 2056 205	Power Consumption  Dimensions  Weight Safety Certifications Operating Temperature	IEEE 802.3af PoE Class 2 Max. 5.1 W (DC 12V) Max. 5.3 W (PoE) Ø: 139 mm x 43 mm Net. 353 g CE, LVD, FCC Class A, VCCI, C-Tick, UL	
Pantilitzoon         Inchiconalities           Functionalities         1:           On-board Storage         M           Video         M           Compression         H           Maximum Frame Rate         H           II         M           II         M           Maximum Streams         3           SKN Ratio         3           Nynamic Range         5           Video Streaming         A           Manage Settings         A	PTZ: 2x digital zoom (12x on 1E plug-in) licroSD/SDHC/SDXC card slot  1264, MJPEG & MPEG-4 1264: 5 (ps at 1536x1536 PEG-4. 5 (ps at 1536x1536	Dimensions Weight Safety Certifications Operating Temperature	Max. 5.1 W (DC 12V) Max. 5.3 W (PoE) Ø: 139 mm x 43 mm Net. 353 g CE, LVD, FCC Class A, VCCI, C-Tick, UL	
Functionalities	2x digital zoom (1/2x on IE plug-in) licroSD/SDHC/SDXC card slot 1,264, MJPEG & MPEG-4 2,264 1,50 pt at 1536x1536 IPEG-4.	Dimensions Weight Safety Certifications Operating Temperature	Max. 5.3 W (PoE) Ø: 139 mm x 43 mm Net. 353 g CE, LVD, FCC Class A, VCCI, C-Tick, UL	
On-board Storage M Video Video H Maximum Frame Rate H Minimum Frame Rate H Minimum Streams 3 SNR Ratio M Minimum Streams 3 Video Streaming M Minimum Streams 5 Video Streaming A	licinSD/SDHC/SDXC card slot 1.264, MJPEG & MPEG-4 1.264: 5 fb sal 1536x1536 IPEG-4: 5 fb sal 1536x1536	Weight Safety Certifications Operating Temperature	Ø: 139 mm x 43 mm Net: 353 g CE, LVD, FCC Class A, VCCI, C-Tick, UL	
Video   Compression	1.264, MJPEG & MPEG-4 1.264, 5 (ps. at 1.936x1536 IPEG-4: 5 (ps. at 1.936x1536	Weight Safety Certifications Operating Temperature	Net: 353 g CE, LVD, FCC Class A, VCCI, C-Tick, UL	
Compression	1.264: 5 fps at 1536x1536 IPEG-4: 5 fps at 1536x1536	Safety Certifications Operating Temperature	CE, LVD, FCC Class A, VCCI, C-Tick, UL	
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Maximum Streams 3 S/N Ratio A Dynamic Range 5 Video Streaming A Image Settings A	5 fps at 1536x1536	System Requirements		
Maximum Streams 3 S/N Ratio A Dynamic Range 5 Video Streaming A Image Settings A				
Maximum Streams 3 S/N Ratio A Dynamic Range 5 Video Streaming A Image Settings A	UPEG:	Operating System	Microsoft Windows 7/Vista/XP/2000	
Maximum Streams 3 S/N Ratio A Dynamic Range 5 Video Streaming A Image Settings A	5 fps at 1536x1536	Web Browser	Mozilla Firefox 7~10 (Streaming only)	
S/N Ratio A Dynamic Range 5 Video Streaming A Image Settings A	simultaneous streams	011 01	Internet Explorer 7.x or 8.x	
Video Streaming A Image Settings A	bove 62 dB	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above	
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AM-518	AM-114	_	ΔΔ-221	













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3MP • 360° Surround View • Pixel Calculator

VIVOTEK FE8173 is the latest fisheye fixed dome network camera from VIVOTEK, featuring a detailed 3-Megapixel resolution sensor with superb image quality. Equipped with a fisheye lens for 180° panoramic view (wall mount) or 360° surround view (ceiling/floor/table mount) without blind spots, the camera is able to provide coverage of wide, open indoor areas, such as airports, shopping malls, train stations, retail stores, offices and more.

The FE8173 offers various display layouts, including original surround view, panoramic view, and regional view for various mounting applications. With the latest cutting-edge image processing capabilities, hemispherical images captured from the fisheye camera can be converted into conventional rectilinear projection for viewing and analysis. In addition, in both the panoramic as well as regional viewing modes, users can utilize the ultra-smooth ePTZ function to easily zoom in and focus on a region of interest (ROI). The new cutting-edge pixel calculator function helps the user to ensure the image quality of a desired area.

As with all VIVOTEK true day/night cameras, the FE8173 features a removable IR-cut filter, maintaining clear images 24 hours a day. Together with 802.3af compliant PoE, MicroSD/SDHC/SDXC card slot for on-board storage, and iViewer app support, the FE8173 is indisputably the top choice for constructing a robust surveillance system with the greatest coverage possible.



#### Comprehensive Overview without Blind Spots

With a wide-angle field of view, the FE8173 is able to capture 180° panoramic or 360° surround views without blind spots, effectively reducing the need for other cameras as well as physical maintenance.

## • 180° Panoramic View

The FE8173 can provide an overview of the region from wall to wall.



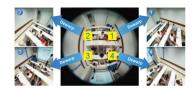


# When mounted on the ceiling, the FE8173 can monitor all four corners of a room Any moving object in the room will be captured at all times. The viewer would be able to keep a track of suspicious objects without missing critical information. $\overline{}$ 360°

Ceiling Mount

• 360° Surround View





Dewaip

Optical distortion is unavoidable for ultra wide-angle and fisheye lenses. The hemisph images captured from the fisheye camera are convex, especially the image borders; however, software allows the image to be dewarped and remapped into conventional rectilinear projection using an integrated plug-in for specific viewing and analysis.

# Image Capture with Greater Data Efficiency

# • Flexible Display Mode

\* Trextine Display motion
The overview image captured by the FE8173 can be failored in various ways according to specific applications. The FE8173 offers multiple types of display layouts in the web toweser inferface, including 10, 1088, 1088, 108, 129, 129, 1298, 11938, 14, 4R and 4R PRO.

The following diagrams show several of the display modes:







O – Original Surround View
P – Panoramic View
R – Regional View
In portant and necessary for forensic experts to conduct analysis during the examination process.

### • Pixel Calculator

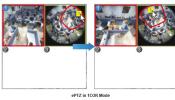
The pixel calculator helps the installer to easily ensure that the camera installation fulfills the pixel resolution required in an application. By using the tool to draw up to 3 windows on the video screen around the areas of interest, the installer can properly pixe and adjust the camera view to capture the detail required.



#### • ePTZ

• ePTZ
The FEB173 provides electronic panfillizorom functions, allowing users to move to a target egion in the viewing window without a mechanical movement. In a Transcrime view and a Teignal well-v, users can utilize the utility amount ePTZ function to easily focus on a region of interest (FOI) using the mouse wheel Compared to the conventional mechanical PTZ, the ePTZ feature offers zero-vaid operation through chemi-side control. In addition, with a high-end dewarping algorithm (plug-in), the ePTZ on the FEB173 responds swirily and seamlessily to user's control.

In 4R PRO mode, the four viewing windows will rotate synchronously while clicking or dragging one of the windows.



## Clear Images 24/7

The FE8173 delivers day & night functionality with a built-in removable IR-cut filter. By day, the IR-cut filter screens out infrared light to reduce color distortion. At night, the filter is removed to accept infrared light for higher lighting efficiency.





# FE8173 | Fisheye Network Camera

- -15 (ps @ 1596x1596
  -1.15 mm Fisheye Lens for 180° Panoramic View and 360° Surround View
  -Removable Ro-Lens flittle for Day & Night Function
  -Real-time H.264, MPEG-4, and MUPEG Compression (Triple Codec)
  -V/OR Enhancement for Unparalleled Visibility in Extremely Bright or Dark Environments
  -Per 2 for Data Enticiency
  -Build-in 802 3af Compliant PoE
  -Build-in 802 3af Compliant PoE
  -Build-in MicroSDSHOCSDXC Card Slot for On-board Storage
  -Pixel Calculator for Image Clarity Measurement

