EN50155 Compliant Product Offerings

	Network Cameras				
	MD8531H	MD8562/62D	MD8563-EH	FE8174V	FE8181V
Frame per Second	30 fps @ 1280x960	30 fps @ 1920x1080	30 fps @ 1920x1080	15 fps @ 1920x1920 30 fps @ 1920x1080	15 fps @ 1920x1920 30 fps @ 1920x1080
IR Illuminatiors	-	-	-	-	10 m IR
Video Compression	H.264, MJPEG & MPEG-4	H.264, MJPEG & MPEG-4	H.264 & MJPEG	H.264, MJPEG & MPEG-4	H.264, MJPEG & MPEG-4
Audio Capability	Two-way Audio	Audio In	Two-way Audio	Two-way Audio	Two-way Audio
3DNR	v	-	v	-	v
WDR	WDR Pro	WDR Enhanced	WDR Pro	WDR Enhanced	WDR Enhanced
Housing	IP66, IK10	IP67, IK10	IP67, IK10	IP66, IK10	IP66, IK10
Power Input	PoE	PoE (MD8562) DC 12V (MD8562D)	PoE	PoE DC 12V	PoE Plus DC 12V
Connectors	RJ45, M12 (Optional)	RJ45, M12 (Optional)	M12	RJ45	RJ45
Dimensions	129 (D) x 107 (W) x 54 (H) mm	130 (D) x 107 (W) x 47 (H) mm	129 (D) x 107 (W) x 54 (H) mm	Ø 145 x 47 mm	Ø 160 x 51 mm

	Industrial PoE Switches		
	AW-IHT-0600	AW-IHT-0601	AW-IHT-0602
Short Highlight	Industrial 4xGE PoE + 1xGE Combo + 1xGE SFP Switch	Industrial 4xGE PoE + 1xGE Combo + 1xGE SFP Switch	Industrial 4xFE M12 PoE + 2xFE M12 Switch
Fast Ethernet 10/100Mbps (M12)	-	-	6
Gigabit Ethernet 10/100/1000Mbps (RJ45)	5	5	-
Gigabit Ethernet 100/1000Mbps (SFP)	2	2	-
Number of PoE Out Ports	4	4	4
Max. PoE Output Power/ per Port	30 W	30 W	30 W
Power Input	Redundant Dual 44V-56V DC Power Input Removable Terminal Block	Redundant Dual 12V-56V DC Power Input Removable Terminal Block	Redundant Dual 24V-56V DC Power Input M12 Connect
Operating Temperature	-40˚C ~ 75˚C (-40˚F ~ 167˚F)	-40˚C ~ 75˚C (-40˚F ~ 167˚F)	-40˚C ~ 75˚C (-40˚F ~ 167˚F)
Dimensions	142 (L) x 105 (W) x 43 (H) mm	142 (L) x 105 (W) x 43 (H) mm	100 (L) x 150 (W) x 85 (H) mm

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Transport, a Part of Life that Needs Security

Transportation is a vital part of everyday life for the modern individual. As the use of mass transportation increases, so does the need for comprehensive surveillance systems that ensure the safety of passengers and increase overall efficiency. VIVOTEK offers ideal solutions that are compliant with industrial standards, such as EN50155, for railway applications.

VIVOTEK Provides Dedicated Solutions for Railway Systems

EN50155

The variety of environments and conditions encompassed by the railway sector is vast—outdoor and indoor spaces; wide-open and constrained areas; low-light and brightly lit; day and night – railways cover every conceivable operating environment. In view of this situation, VIVOTEK has developed a broad range of solutions, including high-performance network cameras and industrial switches. All of devices are compliant with the EN50155 standard.

Pantograph

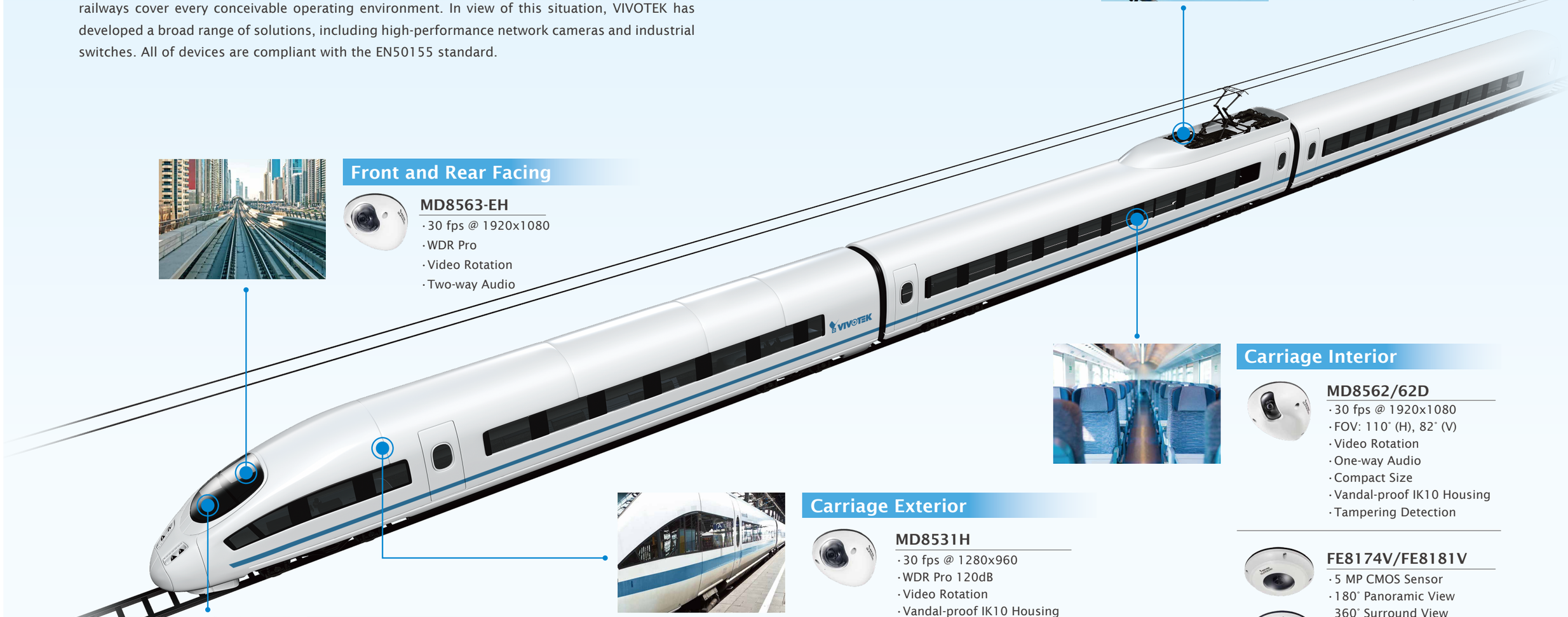
MD8531H

- 30 fps @ 1280x960
- WDR Pro 120dB
- Vandal-proof IK10 Housing
- Weather-proof IP66 Housing

Front and Rear Facing

MD8563-EH

- 30 fps @ 1920x1080
- WDR Pro
- Video Rotation
- Two-way Audio



Carriage Interior

MD8562/62D

- 30 fps @ 1920x1080
- FOV: 110˚ (H), 82˚ (V)
- Video Rotation
- One-way Audio
- Compact Size
- Vandal-proof IK10 Housing
- Tampering Detection

FE8174V/FE8181V

- 5 MP CMOS Sensor
- 180˚ Panoramic View
  360˚ Surround View
- 10M IR (FE8181V)
- Compact Size
- Two-way Audio
- Vandal-proof IK10 Housing
- Tampering Detection

Carriage Exterior

MD8531H

- 30 fps @ 1280x960
- WDR Pro 120dB
- Video Rotation
- Vandal-proof IK10 Housing
- Weather-proof IP66 Housing

MD8563-EH

- 30 fps @ 1920x1080
- WDR Pro
- Video Rotation
- Two-way Audio
- Vandal-proof IK10 Housing
- Weather-proof IP67 Housing

MD8562/62D

- 30 fps @ 1920x1080
- FOV: 110˚ (H), 82˚ (V)
- Video Rotation
- Vandal-proof IK10 Housing
- Weather-proof IP67 Housing

Driver Car

Industrial M12 PoE Switch

- 4xFE PoE M12 + 2xFE M12 Ports
- Operating Temperature: -40˚C ~ 75˚C (-40˚F ~ 167˚F)
- Redundant 24~56VDC Power Input for Backup
- 24VDC/1A Alarm Relay Output
- Compact Size

FE8181V

- 5 MP CMOS Sensor
- 360˚ Surround View
- 10M IR
- Compact Size