

HEAD OFFICE

6, Pangyo-ro 319beon-gil, Bundang-gu, Seongnam-si,
Gyeonggi-do, 463-400 Rep. of KOREA
Tel: +82.70.7147.8753 Fax: +82.31.8018.3740
<http://hanwha-security.com>

Hanwha Techwin America

500 Frank W. Burr Blvd. Suite 43 Teaneck, NJ 07666
Toll Free: +1.877.213.1222
Direct: +1.201.325.6920
Fax: +1.201.373.0124
www.hanwhasecurity.com

Hanwha Techwin Europe

Heriot House, Heriot Road, Chertsey, Surrey, KT16 9DT, United Kingdom
Tel: +44.1932.57.8100
Fax: +44.1932.57.8101
www.hanwha-security.eu

Hanwha Techwin Tianjin

No.11 Weiliu Rd., Micro-electronic Industrial Park,
Jingang Road Tianjin 300385, China
Tel: +86.22.2388.7788 (8700)
www.hanwha-security.cn

Hanwha Techwin Middle East FZE

JAFZA View 18, 20th floor, office 2001, 2002, 2003,
Downtown Jebel Ali, Dubai, United Arab Emirates
<http://hanwha-security.com>

Hanwha Techwin Singapore Branch

4 Shenton Way, #15-06, SGX Centre 2, Singapore, 068807
Tel: +65.6221.7512
Fax: +65.6227.9337
<http://hanwha-security.com>

Hanwha Techwin Russia Office

40/4, Bolshaya Ordynka str., Moscow, Russia, 119017
Tel: +7.499.750.17.30
www.hanwha-security.eu/ru/

© 2018 Hanwha Techwin Co., Ltd. All rights reserved.

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE
Under no circumstances, this document shall be reproduced, distributed or changed,
partially or wholly, without formal authorization of Hanwha Techwin Co., Ltd.
* Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.

M.H-1905



WISeNET Q mini

2MP/5MP Super-compact cameras



EDITION 05-2019

Super-compact design fits everywhere

Wisenet Q mini line-up is designed as 99mm(3.9in) super-compact sized, about 40% smaller than its predecessor. Thanks to this feature, Wisenet Q mini series perfectly blends into any environment while facilitating an effortless installation anywhere.



Business intelligence for smarter retail

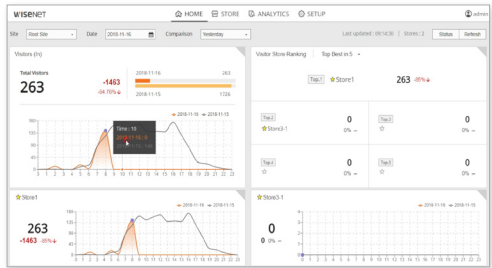
People counting

Wisenet Q mini cameras have a business intelligence function that offers retailers the opportunity to measure store efficiency. People counting applications display hotspots within a store, which allow marketing personnel to identify the busiest times of the day, helping them manage customer flow and understand buying patterns.



Retail Insight

Retail Insight, a business intelligence solution optimized for franchise retail, is a software that helps us use Business Intelligence features such as people counting and heatmap of Wisenet cameras including Q mini cameras in a more convenient and effective way. The solution can be accessed from anywhere to view data collected from a single store or multiple ones and compare store information to provide business insight for efficient operation and resource investment. The solution also supports integration with third-party solutions through web API.



HDMI live video output for public view monitor

Many retail stores operate public view monitors for safety and convenience of customers and store managers. Wisenet Q mini cameras support HDMI video output for easy connection with public view monitors.
※ QND-8011/8021 supports HDMI video output.



Hallway view for monitoring vertical shaped areas

In a vertical shaped environment, traditional horizontal shaped videos focus on unnecessary edges of the area causing bandwidth and storage waste. The Hallway view creates 3 : 4 and 9 : 16 ratio image which is vertically oriented and maximizes image quality in a narrow environment.



Improve bandwidth by up to 99% using WiseStreamII

Using WiseStreamII, Hanwha Techwin's original video compression technology, Q mini camera reduces data by up to 99% compared to current H.264 technology, when combined with H.265compression. System costs are also greatly reduced without comprising image quality. Wisenet Q mini cameras address a limitation found in conventional WDR cameras while producing clear and vivid images.



WiseStream II OFF : 7160kbps WiseStream II ON : 74kbps



WiseStream II OFF : 7260kbps WiseStream II ON : 1817kbps

Product Specifications

		
	QND-8011	QND-8021
Resolution	5MP Dome	5MP Dome
Imaging Device	1/2.8" 5MP CMOS	
Video Compression	H.265/H.264: MAIN/HIGH, MJPEG	
Resolution / Frame Rate	5M / 30fps	
Streaming Capacity	Up to 3 Profiles	
Min. Illumination	Color: 0.15Lux (F2.0, 1/30sec)	Color: 0.15Lux (F1.6, 1/30sec)
Video Output	HDMI: 1080p@30/25fps (60/50Hz)	
Focal Length (Zoom Ratio)	2.8mm fixed (F2.0)	4.0mm fixed focal (F1.6)
Angular Field of View	H : 104.4° / V : 76.7° / D : 136.1°	H : 80.1° / V : 58.0° / D : 105.8°
IR Viewable Length	-	
Pan / Tilt / Rotate	0°~350° / 0°~69° / 0°~360°	
Day & Night	Auto (ICR)	
Backlight Compensation	120dB	
Digital Noise Reduction	SSNR V	
Analytics	Defocus detection, Motion detection, Tampering	
Business Intelligence	People counting	
Application Programming Interface	ONVIF S/G/T, SUNAPI, Wisenet open platform	
Edge Storage	Micro SD/SDHC/SDXC, 128GB	
Operating Temperature	-10°C ~ +40°C (+14°F ~ +104°F)	
Certification	IP42, IK08	
Power Consumption	PoE: Max 5W	
Dimension (WxHxD) / Weight	Ø99 x 56mm (Ø3.9 x 2.2"), 165g (0.364 lb)	
Additional Features	WiseStream II, Hallway View	

		
	QND-6011	QND-6021
Resolution	2MP Dome	2MP Dome
Imaging Device	1/2.8" 2MP CMOS	
Video Compression	H.265/H.264: MAIN/HIGH, MJPEG	
Resolution / Frame Rate	2M / 30fps	
Streaming Capacity	Up to 3 Profiles	
Min. Illumination	Color: 0.1Lux (F2.0, 1/30sec)	Color: 0.1Lux (F1.6, 1/30sec)
Video Output	-	
Focal Length (Zoom Ratio)	2.8mm fixed (F2.0)	4.0mm fixed focal (F1.6)
Angular Field of View	H : 113.74° / V : 61.5° / D : 134.45°	H : 87.6° / V : 46.4° / D : 104.5°
IR Viewable Length	-	
Pan / Tilt / Rotate	0°~350° / 0°~69° / 0°~360°	
Day & Night	Auto (ICR)	
Backlight Compensation	120dB	
Digital Noise Reduction	SSNR V	
Analytics	Defocus detection, Motion detection, Tampering	
Business Intelligence	People counting	
Application Programming Interface	ONVIF S/G/T, SUNAPI, Wisenet open platform	
Edge Storage	Micro SD/SDHC/SDXC, 128GB	
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	
Certification	IP42, IK08	
Power Consumption	PoE: Max 4.8W	
Dimension (WxHxD) / Weight	Ø99 x 56mm (Ø3.9 x 2.2"), 145g (0.320 lb)	
Additional Features	WiseStream II, Hallway View	

